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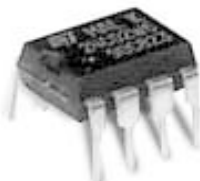


Antenna Isolator

Part #401-733C.
6" wire length.
Used by Zenith
and many others!

Order# 45-597 **\$1.29**

EEPROM Sale!



217321	CTC175A,A2	228287	CTC177AM2
217323	CTC175K,K2	223935	CTC177AF2
221047	CTC175C,C2	233181	CTC185A,AA
221097	CTC176H2,J2	223912	CTC187AA,AC
218400	CTC177AA,AK	223940	CTC187AB,AD

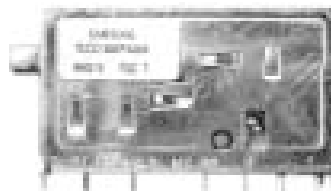
Preprogrammed. See page 10 for more. **\$1.79** each

30 Watt Soldering Iron

110VAC



Order# SD102 **\$1.29**



Samsung Tuner

Original part.
#TECC1880PA08A

Order# TECC1880 **\$18.95**

General Instruments Universal Remote

4 way universal remote-
TV, VCR, Cable, Auxillary.
Operates many digital cable
boxes. Functions- menu, page,
PPV, last, guide, more.
Batteries included.



Order# 45-232 **\$5.99**

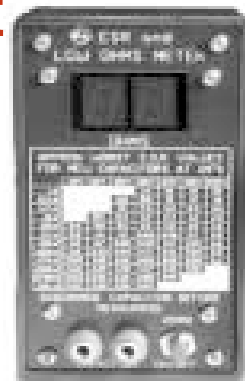
Dick Smith ESR Meter Kit

Contains components, hardware,
prepunched silk screened front
panel. Red window for display
readout. Peak voltage 100mV.
Range: .01 to 99 ohm.

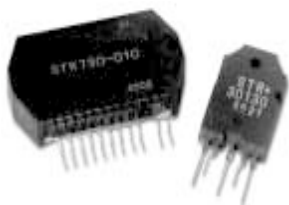
Order# CA103 **\$49.95**

Also available: Flyback/LOPT kit

Order# CA104 **\$39.95**



STK/STR Sale!



STK4274	\$7.99
STK4277	\$14.99
STK4278	\$12.99
STK730-010	\$5.99
STK392-010	\$11.99
STR30110	\$2.39
STR30125	\$2.39
STR30130	\$2.29
STR53041	\$2.99
STR6301A	\$6.99

See pages 4-8 for
more great prices!



DVD Test Disc

Test your TV, DVD player, and
DVD-ROM drive for proper
performance. Includes tests for
alignment, color, convergence,
sound, and more.

Order# 56-465 **\$19.95**

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per month

Note: A \$5.00 setup charge is added to the first month's subscription rate.
*RepairWorld was formerly known as TechsWeb.

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- *Private, moderated newsgroups dealing with the repair of electronic equipment- post tough repair problems on the newsgroup for helpful responses from technicians around the world.*
- *"Trading Post" Private Newsgroup* where members can post for sale/trade items, used equipment, schematics and any other electronic items without the extraneous posts found on other newsgroups.
- Access to *"Chat Room"* where members can conduct on-line, real-time discussions.
- *"Hot Tip" bulletin board- updated daily.*
- Automated e-mail list server- communicate with other members via e-mail.

Electronic Equipment Repair Problem/Solution Databases:

- *VCR repair* - Over **10,500** records.
- *TV repair* - Over **20,500** records.
- *Computer Monitor* - Over **1,900** records.
- *Audio Equipment* - Over **14,000** records.

Informational Databases:

- *FCC ID Number Manufacturers* - Over **49,900** records.
- *UL Code Numbers* - Over **300** records.
- *Electronic Manufacturers Directory* - Over **370** records.

New & Hot Products

ShortStop Cable Fault Finder

Measures the length of cable, whether on the ground, in the wall, or on the roll. Checks for shorts & opens. Audible indication of shorted wire & high AC voltage. Checks all common cable including coax, 2 wire shielded, twisted multi-pair, & AC wire. Input protected to 250 VAC. >2000 foot range. Accurate to +/- 3%.



Order# CA105 **\$299.00**

Fiberglass Scrubber Pen

Cleans printed circuit boards prior to soldering. Ultra-stiff bristles provide maximum cleaning. Tip retracts when not in use. Replacement tips available.



Order# 21-806 **Pen \$8.99**

Order# 21-806A **Tip \$1.89**

Funai Center Emitter & Sensor

Center emitter (Funai #QPQSSLR938CV, Symphonic #SLR-938CV-7)

#40-124 **\$1.99**

End sensor (Funai #QP4B0ST316R2, Symphonic #ST-316R2-B)

#40-125 **\$1.99**



Keytinua 2000 LED Keylight

Bulb life 100,000 hours. Ultra bright white LED bulb is perfect for illuminating locks and other small areas. Push activated. Metal keyring secures keylight. Replaceable button battery is included. Blue w/ metal keyring.

#SD911 **\$9.95**



RCA Regulator Kit #231523

Replaces common failure items in the CTC185 chassis. Kit contains (1) 231523 (Q4114) regulator w/ insulator, (1) 227362 (CR4111), (2) 176296 (CR4112 & 4113), (1) 184980 (R4136 resistor), (1) 231525 (U4103) & (1) 232208 (C4106 .47uf). Also contains detailed installation instructions.

#231523 **\$6.99**



25A Adjustable Power Supply

25A continuous, 30A peak. Fully adjustable output 0-15 VDC. Separate voltage current meters. Binding post output terminals. Spring clip connector terminals. Cigarette lighter jack output. 9 1/4" (W) x 5 3/8" (D) x 8 3/4" (H).



Order# PS-102 **\$129.95**

Flyback/LOPT Test Kit

Find faults in line output or flybacks and other HF wound components.

8 LED display. Includes components, case, hardware, prepunched & screened front panel. Leads not included.

#CA104 **\$39.95**

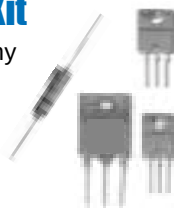


Sony Power Supply Kit

Common repair for many Sony chassis types.

Kit includes (1) 2SC4927, (2) 2SC 4834, (1) 1/2W .1 ohm fusible resistor.

Order# 80-112 **\$9.95**



Sony CD Pickups

Common pickups for Sony and other brands.

KSS-210A **\$22.95**

KSS-210B **\$22.95**

KSS-213B **\$19.95**



CapAnalyzer 88A

Check any electrolytic capacitor **in circuit** with 100% accuracy in three seconds. Checking capacitors has



never been easier—there's no need to desolder & waste time. Unlike some "cap checkers," CapAnalyzer 88 is 100% accurate in circuit. Call for a spec sheet today!

Order# CA101 **\$179.00**

Terms and Conditions

- Minimum Order **\$15.00** (U.S. Funds).
- Prices subject to change without notice.
- All returns must have an RA#.
- Freight: FOB Fairborn via UPS/USPS in the US. USPS outside the US.
- Payment terms: **COD**, MasterCard, VISA, Discover, American Express.
- Net 30 days to schools, government, and qualified organizations.
- 15% Restocking fee on all returns.
- All items guaranteed for 90 days unless noted.
- Videos, software, & schematics are not returnable.
- For policy questions, call us at 937-878-1828.
- Business Hours: **M-F 9am - 6pm eastern.**

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Transistors/Diodes

2N2102	.84	2SA1284	.65	2SB772	.59	2SC668	.20	2SC2331	.89	2SC3264	4.75	2SC3907	3.50
2N2222A	.35	2SA1294	4.34	2SB778	2.00	2SC693	.20	2SC2336	1.25	2SC3271	.89	2SC3944	1.34
2N2907A	.39	2SA1295	6.50	2SB817	3.10	2SC694	.20	2SC2344	.89	2SC3279	.54	2SC3950	1.45
2N3055	1.45	2SA1300	.53	2SB946	1.60	2SC696	.59	2SC2362	.30	2SC3280	3.75	2SC3953	1.00
2N3440	1.45	2SA1301	3.50	2SB949	1.69	2SC708	.59	2SC2369	1.00	2SC3281	3.75	2SC3955	1.09
2N3771	3.50	2SA1302	3.50	2SB950	1.18	2SC711	.20	2SC2373	1.67	2SC3284	4.00	2SC3964	1.69
2N3773	2.00	2SA1303	4.33	2SB953	1.29	2SC738	.20	2SC2383	.49	2SC3293	.92	2SC3973	2.92
2N3904	.18	2SA1304	1.19	2SB965	3.75	2SC772	.25	2SC2389	.39	2SC3296	1.25	2SC3996	14.75
2N4401	.29	2SA1306	1.09	2SB976	.49	2SC828	.17	2SC2456	.39	2SC3298	1.19	2SC3997	18.00
2N5192	.95	2SA1307	1.25	2SB1010	1.00	2SC829	.17	2SC2458	.20	2SC3299	1.34	2SC3998	18.00
2N5193	.95	2SA1309	.37	2SB1015	1.00	2SC838	.20	2SC2491	2.34	2SC3300	4.00	2SC4024	2.50
2N5496	.69	2SA1318	.45	2SB1016	1.50	2SC839	.20	2SC2551	.59	2SC3306	2.42	2SC4026	1.85
2N5635	5.99	2SA1348	.40	2SB1039	1.69	2SC859	.20	2SC2565	7.00	2SC3310	2.09	2SC4029	5.25
2N6036	.92	2SA1349	1.25	2SB1050	1.59	2SC867A	6.99	2SC2570	.89	2SC3311	.34	2SC4046	1.30
2N6039	1.09	2SA1352	.89	2SB1066	1.29	2SC900	.20	2SC2577	3.67	2SC3317	2.50	2SC4054	3.49
2N6059	4.17	2SA1357	.79	2SB1073	.49	2SC923	.20	2SC2579	3.67	2SC3318	4.25	2SC4064	2.67
2N6122	.89	2SA1358	1.00	2SB1098	1.89	2SC929	.20	2SC2580	3.67	2SC3328	.89	2SC4073	2.00
2N6287	5.00	2SA1359	.79	2SB1117	1.09	2SC941	.20	2SC2581	3.67	2SC3331	.19	2SC4075	1.29
2N6487	1.39	2SA1360	1.00	2SB1132	.59	2SC945	.15	2SC2590	.80	2SC3336	8.50	2SC4108	4.17
2N6488	1.50	2SA1370	.69	2SB1133	1.09	2SC1014	.49	2SC2591	1.09	2SC3377	.45	2SC4123	5.80
2N6490	1.50	2SA1371	.59	2SB1135	1.25	2SC1023	.20	2SC2603	.25	2SC3381	1.25	2SC4130	2.75
2N6491	1.39	2SA1380	1.05	2SB1136	1.69	2SC1055U	2.20	2SC2611	.59	2SC3391	.35	2SC4137	.84
2N6547	6.67	2SA1381	.89	2SB1143	1.29	2SC1061	.64	2SC2621	.67	2SC3399	.29	2SC4159	1.09
2N6593	1.50	2SA1383	1.29	2SB1151	1.29	2SC1114	4.92	2SC2625	2.85	2SC3400	.20	2SC4160	1.50
		2SA1386	5.00	2SB1155	5.25	2SC1162	.55	2SC2631	.59	2SC3416	.59	2SC4204	.66
2SA673	.29	2SA1408	.89	2SB1156	5.39	2SC1172B	2.99	2SC2632	.54	2SC3419	.67	2SC4236	5.80
2SA684	.39	2SA1428	.85	2SB1162	4.17	2SC1209	.75	2SC2653	.92	2SC3420	1.00	2SC4237	7.00
2SA708	.59	2SA1488	1.09	2SB1163	4.17	2SC1213	.27	2SC2655	.49	2SC3421	.77	2SC4242	2.67
2SA715	.79	2SA1490	3.75	2SB1166	1.00	2SC1308	2.99	2SC2682	1.00	2SC3422	.89	2SC4273	3.65
2SA733	.17	2SA1491	4.25	2SB1186	1.00	2SC1317	.29	2SC2688	.59	2SC3423	.89	2SC4274	3.90
2SA769	1.34	2SA1492	4.50	2SB1187	1.29	2SC1318	.29	2SC2690	1.25	2SC3447	2.34	2SC4278	3.34
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2SA777	.79	2SA1507	.79	2SB1218	.79	2SC1398	.49	2SC2712	.30	2SC3451	4.25	2SC4370	1.10
2SA798	.79	2SA1516	3.50	2SB1236	1.00	2SC1413A	2.99	2SC2773	7.50	2SC3457	3.00	2SC4382	2.95
2SA937	.29	2SA1534	.79	2SB1237	.59	2SC1417	.20	2SC2774	7.50	2SC3459	3.75	2SC4385	4.33
2SA940	.99	2SA1535	1.17	2SB1238	.85	2SC1473	.59	2SC2785	.20	2SC3460	3.50	2SC4386	4.20
2SA965	.50	2SA1538	1.29	2SB1240	.59	2SC1507	.75	2SC2810	1.75	2SC3461	4.75	2SC4387	5.55
2SA968	1.00	2SA1553	5.50	2SB1243	.70	2SC1509	.69	2SC2837	3.00	2SC3466	4.00	2SC4388	6.25
2SA970	.34	2SA1606	1.09	2SB1274	1.00	2SC1569	1.00	2SC2878	.20	2SC3467	.59	2SC4408	.45
2SA979	.85	2SA1626	1.19	2SB1277	.39	2SC1583	.79	2SC2898	3.00	2SC3478	.45	2SC4418	1.85
2SA984	.30	2SA1627	2.00	2SB1299	1.25	2SC1674	.20	2SC2909	.47	2SC3482	7.00	2SC4419	4.19
2SA985	1.00	2SA1633	3.00	2SB1317	5.00	2SC1684	.30	2SC2911	.70	2SC3486	4.34	2SC4421	3.00
2SA988	.49	2SA1668	3.19	2SB1328	.69	2SC1685	.20	2SC2912	.92	2SC3502	.69	2SC4423	3.50
2SA992	.35	2SA1670	4.00	2SB1333	1.00	2SC1730	.39	2SC2921	7.50	2SC3503	.79	2SC4424	4.75
2SA1011	.84	2SA1671	4.00	2SB1370	1.69	2SC1740	.30	2SC2922	7.50	2SC3514	2.00	2SC4431	1.50
2SA1013	.50	2SA1672	5.50	2SB1375	1.00	2SC1756	.45	2SC3012	3.34	2SC3519	4.75	2SC4466	4.50
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2SA1020	.49	2SA1684	3.99	2SB1434	1.25	2SC1815	.20	2SC3042	2.50	2SC3616	.69	2SC4491	.49
2SA1038	.49	2SA1694	5.75	2SB1470	6.25	2SC1816	1.95	2SC3063	.79	2SC3668	.89	2SC4507	2.50
2SA1048	.20	2SA1695	5.00	2SB1492	4.59	2SC1827	1.25	2SC3064	1.00	2SC3680	4.00	2SC4508	2.89
2SA1091	.59	2SA1706	.89	2SB1493	4.75	2SC1845	.25	2SC3066	.79	2SC3685	5.45	2SC4511	3.50
2SA1095	7.00	2SA1708	.59	2SB1558	3.50	2SC1846	.64	2SC3070	1.05	2SC3686	5.45	2SC4517	4.33
2SA1102	3.75	2SA1725	3.45	2SB1565	1.69	2SC1847	.64	2SC3089	2.50	2SC3687	6.89	2SC4533	2.00
2SA1104	3.75	2SA1726	2.59	2SB1560	6.00	2SC1906	.40	2SC3090	2.85	2SC3688	6.89	2SC4542	5.60
2SA1105	3.75	2SA1803	3.75	2SB1570	8.25	2SC1908	.20	2SC3116	.79	2SC3729	5.00	2SC4544	1.35
2SA1106	3.75	2SA1804	4.50	2SB1587	6.25	2SC1921	.37	2SC3117	.59	2SC3752	2.67	2SC4581	5.00
2SA1110	.99	2SA1837	1.35	2SB1588	5.17	2SC1923	.20	2SC3144	1.50	2SC3789	.49	2SC4582	7.50
2SA1111	1.35	2SA1860	6.75	2SB1616	1.59	2SC1940	.35	2SC3148	3.34	2SC3795	3.09	2SC4589	8.50
2SA1115	.25	2SA1930	1.99	2SB1624	4.59	2SC1941	.64	2SC3150	2.00	2SC3807	.87	2SC4662	2.58
2SA1123	.49	2SA1941	3.69	2SB1626	3.75	2SC1969	3.79	2SC3153	2.84	2SC3811	.50	2SC4663	3.50
2SA1124	.69	2SA1943	4.75			2SC1983	1.14	2SC3156	5.40	2SC3833	3.85	2SC4664	4.25
2SA1142	1.19	2SA1962	3.85	2SC328	5.00	2SC1986	1.50	2SC3157	2.25	2SC3851	2.00	2SC4688	3.00
2SA1145	.49			2SC371	.20	2SC2001	.25	2SC3158	1.69	2SC3852	1.60	2SC4689	3.34
2SA1162	.35	2SB507	.79	2SC373	.20	2SC2021	.27	2SC3163	5.00	2SC3853	3.67	2SC4742	4.60
2SA1169	7.50	2SB536	.97	2SC374	.20	2SC2073	.84	2SC3169	1.50	2SC3854	3.67	2SC4744	5.75
2SA1170	7.50	2SB546A	1.09	2SC377	.20	2SC2188	.20	2SC3180	2.50	2SC3855	3.67	2SC4747	6.67
2SA1175	.29	2SB554	5.67	2SC380	.20	2SC2229	.49	2SC3181	2.50	2SC3856	4.25	2SC4762	5.80
2SA1207	.50	2SB560	.42	2SC384	.20	2SC2230	.49	2SC3182	2.75	2SC3857	7.50	2SC4763	8.50
2SA1209	.75	2SB595	1.34	2SC388A	.20	2SC2235	.49	2SC3187	.69	2SC3858	7.50	2SC4769	4.67
2SA1215	7.50	2SB596	.99	2SC394	.20	2SC2236	.49	2SC3198	.25	2SC3860	.44	2SC4770	4.15
2SA1216	7.50	2SB600	8.50	2SC548B	.20	2SC2238	1.00	2SC3199	.39	2SC3870	2.75	2SC4793	1.45
2SA1220	.99	2SB631	.65	2SC454	.20	2SC2240	.27	2SC3203	.29	2SC3883	6.25	2SC4833	3.34
2SA1232	3.34	2SB633	1.00	2SC458	.20	2SC2259	1.00	2SC3210	5.85	2SC3885	5.00	2SC4834	4.33
2SA1244	.75	2SB641	.25	2SC460	.20	2SC2271	.45	2SC3229	1.25	2SC3886	5.00	2SC4886	5.60
2SA1249	.67	2SB643	.34	2SC461	.20	2SC2274	.30	2SC3244	.69	2SC3890	2.17	2SC4891	11.25
2SA1262	2.00	2SB644	.49	2SC495	.95	2SC2275	1.00	2SC3246	.79	2SC3892	2.99	2SC4908	2.00
2SA1263	2.75	2SB647A	.49	2SC558B	.30	2SC2291	.79	2SC3259	3.69	2SC3893	6.00	2SC4916	5.67
2SA1264	2.75	2SB649A	.75	2SC558C	.30	2SC2316	1.25	2SC3260	4.00	2SC3896	7.15	2SC4923	7.35
2SA1265	3.17	2SB688	2.25	2SC603	.20	2SC2330	.79	2SC3262	5.00	2SC3897	7.40	2SC4924	5.67
2SA1273	.79	2SB755	7.00	2SC620	.20	2SC2328	1.00	2SC3263	4.00	2SC3902	.67	2SC4927	7.00

Transistors/ICs

2SC4953	2.50	2SD1207	.65	2SD1761	.90	2SK161	.59	612566-1	.50	AN5521	2.00	BA612	1.70
2SC5020	2.35	2SD1212	1.66	2SD1762	.90	2SK241	.69	612584-7	16.00	AN5532	1.19	BA614	2.00
2SC5039	2.35	2SD1213	2.50	2SD1763	1.10	2SK315	.59	612624-1	16.00	AN5551	2.00	BA664	3.10
2SC5048	7.25	2SD1227	.65	2SD1765	1.00	2SK389	2.10	612658-3	18.00	AN5700	1.50	BA718	1.19
2SC5099	5.75	2SD1246	.59	2SD1776	1.10	2SK415	6.67	612674-3	10.00	AN5720	1.50	BA728	2.20
2SC5129	6.50	2SD1263	1.17	2SD1796	1.35	2SK427	1.00	612682-1	14.00	AN5730	1.50	BA1320	1.35
2SC5130	3.85	2SD1264	1.84	2SD1802	.70	2SK526	4.00	612702-1	9.00	AN5750	1.50	BA1356	2.05
2SC5147	1.39	2SD1265	.92	2SD1819	.49	2SK538	5.85	612745-1	99.75	AN5753	1.69	BA3306	2.00
2SC5148	4.00	2SD1266	.97	2SD1825	1.50	2SK553	4.00	612744-1	7.75	AN5760	1.39	BA3308	1.75
2SC5149	4.19	2SD1267	1.67	2SD1847	4.84	2SK557	6.67	612766-1	9.00	AN5763	3.19	BA3402	2.00
2SC5150	5.50	2SD1271	2.00	2SD1849	7.10	2SK727	8.00	612792-1	5.50	AN5790	3.50	BA3516	3.20
2SC5171	1.59	2SC1273	1.25	2SD1850	6.25	2SK738	1.92	612818-1	9.00	AN5835	4.42	BA3708	2.60
2SC5174	1.50	2SD1274	1.75	2SD1856	1.60	2SK758	4.85	612842-3	7.25	AN5836	3.50	BA3812	1.35
2SC5200	4.25	2SD1275	1.45	2SD1858	.70	2SK817	4.77	612854-1	11.00	AN5862	2.79	BA3822	1.25
2SC5207	6.75	2SD1276	2.20	2SD1859	1.00	2SK903	5.50	612855-1	9.00	AN5900	2.00	BA3828	4.25
2SC5242	4.00	2SD1289	2.67	2SD1877	2.95	2SK904	5.15	612856-3	16.00	AN6250	2.85	BA3900	4.50
2SC5250	5.75	2SD1294	2.67	2SD1878	3.34	2SK949	7.80	612865-1	9.00	AN6307	2.25	BA3904	5.00
2SC5271	3.75	2SD1328	.45	2SD1879	3.67	2SK955	10.50	612879-2	21.00	AN6326	3.75	BA3906	5.35
2SC5294	5.79	2SD1330	.34	2SD1880	3.85	2SK1117	5.97	612894-26	4.50	AN6350	9.00	BA3908	6.69
2SC5339	2.69	2SD1341P	2.69	2SD1881	5.00	2SK1118	4.50	612901-2	8.25	AN6387	8.50	BA3910	5.85
2SC5426	5.29	2SD1348	.59	2SD1885	4.00	2SK1181	19.00	612928-3	20.00	AN6540	2.50	BA3913	4.00
		2SD1380	.89	2SD1886	4.35	2SK1190	9.00	612929-1	21.00	AN6342N	2.70	BA3918	11.25
2SD205	.89	2SD1397	2.67	2SD1887	4.75	2SK1191	11.67	612930-1	9.00	AN6343	3.75	BA3920	5.00
2SD288	.89	2SD1398	2.89	2SD1893	3.65	2SK1221	4.00	612934-1	29.00	AN6346N	2.40	BA3924	4.35
2SD313	.59	2SD1399	3.50	2SD1910	6.33	2SK1257	4.85	612953-5002	17.00	AN6359N	3.75	BA3930	6.67
2SD381	.92	2SD1402	2.95	2SD1911	5.00	2SK1350	5.85	613234-1	10.00	AN6360	3.75	BA3932	6.30
2SD400	.39	2SD1403	2.95	2SD1913	1.00	2SK1351	3.50			AN6361	3.65	BA3933	5.35
2SD401A	.92	2SD1406	1.00	2SD1941	6.67	2SK1358	7.35	7805	.79	AN6362	4.55	BA3935	5.35
2SD424	5.00	2SD1407	1.25	2SD1944	1.17	2SK1377	3.75	7805PI	.79	AN6562	1.19	BA3936	7.25
2SD438	.42	2SD1409	5.57	2SD1959	4.17	2SK1378	5.00	7806	.79	AN6610	1.25	BA3960	2.85
2SD471	.39	2SD1414	1.25	2SD1994	1.15	2SK1419	1.85	7808	.79	AN6671K	7.50	BA4558	.89
2SD471A	.39	2SD1415	1.55	2SD2004	1.00	2SK1420	3.00	7809	.79	AN6873	3.35	BA4560	1.00
2SD525	.95	2SD1426	2.79	2SD2005	1.29	2SK1445	2.10	7812	.79	AN6912	1.19	BA5102	2.69
2SD526	.87	2SD1427	2.99	2SD2012	.75	2SK1446	2.10	7815	.79	AN7062	3.50	BA5115	2.95
2SD555	9.25	2SD1428	3.50	2SD2029	5.50	2SK1461	3.75	7815PI	.79	AN7070	8.00	BA5402	2.99
2SD560	1.20	2SD1431	3.75	2SD2037	1.35	2SK1487	4.15	7818	.79	AN7110	.92	BA5406	2.69
2SD591	.25	2SD1432	3.75	2SD2052	3.17	2SK1507	6.85	7818PI	.79	AN7130E	1.55	BA5410	2.67
2SD592	.20	2SD1433	3.92	2SD2061	1.00	2SK1537	9.00	7824	.79	AN7134	5.17	BA5412	2.84
2SD600	.59	2SD1439	2.89	2SD2065	3.75	2SK1691	3.00	78L05	.79	AN7135	4.00	BA5413	3.17
2SD601	.39	2SD1441	4.59	2SD2083	6.85	2SK1794	6.25	78L12	.79	AN7140	2.50	BA5415	4.50
2SD612	.59	2SD1444	1.67	2SD2095	4.50	2SK1916	9.50	78L15	.79	AN7147N	2.75	BA5417	2.79
2SD613	1.00	2SD1445	2.19	2SD2125	3.83	2SK1946	6.50	7905	.79	AN7148	2.50	BA5936	6.50
2SD636	.27	2SD1453	2.89	2SD2137	1.39	2SK1953	1.69	7906	.79	AN7149N	2.19	BA6104	4.20
2SD637	.27	2SD1455	2.95	2SD2144	.47	2SK2038	6.35	7908	.79	AN7158N	4.00	BA6109	1.85
2SD638	.34	2SD1456	5.00	2SD2148	3.00	2SK2043	2.00	7909	.79	AN7161NFP	2.85	BA6122	1.40
2SD639	.37	2SD1457A	3.50	2SD2151	1.89	2SK2134	1.70	7912	.79	AN7164	6.49	BA6146	3.20
2SD667A	.42	2SD1458	.75	2SD2155	5.00	2SK2141	4.59	7915	.79	AN7168	3.34	BA6154	1.19
2SD669A	.75	2SD1485	3.67	2SD2222	5.67	2SK2324	3.50	7918	.79	AN7169	3.67	BA6161F	1.00
2SD716	2.00	2SD1491	1.34	2SD2250	4.00	2SK2333	3.75	79L05	.79	AN7171K	5.67	BA6191N	3.69
2SD718	2.17	2SD1497	5.40	2SD2253	11.50	2SK2358	3.75	79L12	.79	AN7172	6.25	BA6208	1.35
2SD774	.64	2SD1499	1.67	2SD2254	3.99	2SK2434	3.75	79L15	.79	AN7173	5.99	BA6209	1.85
2SD799	2.00	2SD1541	4.19	2SD2255	4.45	2SK2607	6.25			AN7177	5.83	BA6209N	2.60
2SD845	7.00	2SD1546	6.85	2SD2259	.89	2SK2723	2.00	AN115	1.80	AN7178	3.00	BA6218	1.50
2SD856	.97	2SD1554	2.67	2SD2331	4.35	2SK2937	5.25	AN214	3.19	AN7190	11.50	BA6219	2.50
2SD863	.59	2SD1555	1.98	2SD2333	6.67			AN217	2.40	AN7205	1.80	BA6220	.99
2SD870	4.00	2SD1556	2.99	2SD2335	5.25	221-101-01	2.00	AN236	3.75	AN7213	1.40	BA6222	2.34
2SD871	4.00	2SD1557	1.25	2SD2348	6.25	221-104	3.80	AN240P	.89	AN7222	1.50	BA6229	2.50
2SD880	.79	2SD1565	1.92	2SD2349	5.69	221-157-02	2.00	AN262	2.10	AN7224	1.69	BA6238	2.50
2SD882	.67	2SD1577	5.34	2SD2387	3.35	221-160-01	4.75	AN277	2.75	AN7273	2.67	BA6239	2.60
2SD947	.64	2SD1581	1.34	2SD2389	3.85	221-164	2.80	AN307	1.80	AN7310	1.50	BA6247	2.40
2SD965	.59	2SD1585	1.00	2SD2390	5.33	221-174-02	5.20	AN362	1.40	AN7311	1.40	BA6247N	2.34
2SD968	.85	2SD1589	1.50	2SD2394	1.25	221-184-05	8.25	AN3821K	9.59	AN7312	1.69	BA6248	2.67
2SD998	1.89	2SD1609	.89	2SD2395	1.29	221-193	4.20	AN5015K	2.80	AN7317	2.50	BA6251	2.00
2SD1044	2.60	2SD1641	3.89	2SD2396	1.29	221-201-06	5.75	AN5150N	4.67	AN7320	1.10	BA6259	2.59
2SD1047	3.00	2SD1650	2.49	2SD2401	11.50	221-246-02	5.75	AN5151N	4.67	AN7410	2.35	BA6290	3.34
2SD1051	1.00	2SD1651	3.00	2SD2438	4.69	202048	9.50	AN5160NK	15.17	AN7420	1.75	BA6294	2.92
2SD1055	.55	2SD1652	3.40	2SD2439	5.60	207871	28.00	AN5163	6.65	AN7435K	1.89	BA6296	6.83
2SD1061	1.17	2SD1666	.79	2SD2449	5.75	210737	11.00	AN5210	7.50	AN7470	1.50	BA6301	2.20
2SD1062	1.17	2SD1669	1.67	2SD2478	1.69	214700	36.00	AN5256	2.50	AN8072	5.67	BA6302	2.42
2SD1063	1.92	2SD1682	.80	2SD2493	4.59			AN5262	1.99	AN8275	2.50	BA6305	1.85
2SD1065	2.75	2SD1684	.75	2SD2495	4.25	3S4M	3.25	AN5265	2.50	AN8377N	6.50	BA6334	2.00
2SD1092	2.67	2SD1693	2.90	2SD2499	2.67	612337-5	3.99	AN5291	2.00			BA6396FP	3.75
2SD1111	.55	2SD1706	5.45	2SD2539	3.50	612347-2	3.25	AN5301NK	8.75	BA222	1.35	BA6397FP	4.99
2SD1128	1.45	2SD1707	5.50	2SD2586	4.00	612351-1	.90	AN5312	4.50	BA301	1.85	BA6398	6.69
2SD1135	.92	2SD1710	3.17	2SD5071	3.99	612405-1	3.50	AN5352	3.92	BA308	1.85	BA6411	3.79
2SD1148	3.10	2SD1717	3.75	2SD5072	4.45	612412-2	5.50	AN5416	7.50	BA328	1.85	BA6413	3.99
2SD1163	1.84	2SD1718	3.75			612463-1	2.25	AN5435	2.39	BA333	1.10	BA6418	1.34
2SD1164	.97	2SD1732	5.40	2SK30	.47	612469-1	1.40	AN5436N	2.95	BA338	4.25	BA6435	8.34
2SD1173	6.25	2SD1739	5.00	2SK33	.30	312508-1	10.25	AN5512	2.00	BA401	1.85	BA6459	7.10
2SD1175	9.00	2SD1740	4.33	2SK34	.90	612552-1	8.20	AN5515	2.00	BA402	1.40	BA6886	2.69
2SD1197	2.67	2SD1760	1.50	2SK105	.75	612565-1	8.20	AN5520	5.50	BA526	1.85	BA6897	4.25

ICs/Semiconductors

BA7021	1.75	CXA1534	12.50	KA2261	1.00	LA4510	1.30	LA7672	9.00	LM339	.79	MB9426	4.50
BA7751	2.50	CXA1594L	4.35	KA2911	2.30	LA4520	2.50	LA7673	30.00	LM348	1.19	MB88303	7.50
BA7765AS	5.00	CXA1664M	4.25	KA2912	2.00	LA4550	1.50	LA7674	11.35	LM358	1.00	MC34065	7.65
BA7767	4.00	CXA3135AN	10.50	KA2913	2.67	LA4555	2.00	LA7676	12.85	LM384	4.35		
BA7790	2.99			KA2914	3.75	LA4558	1.59	LA7680	9.00	LM386	1.00	MJ802	4.17
BA7795	3.69	HA1377	3.25	KA2915	3.75	LA4570	1.69	LA7690	1.85	LM387	2.50	MJ2955	1.59
BA10324	1.00	HA1388	3.95	KA8301	2.85	LA4597	2.19	LA7760	4.25	LM393	.99	MJ4502	4.75
BA10358	1.00	HA1392	2.69	KA8402	1.69	LA4598	2.69	LA7770	5.83	LM741CN	.89	MJ12003	4.42
BA15218	1.25	HA1394	4.25	KA9256	3.29	LA4620	5.17	LA7800	2.19	LM833	2.90	MJ13335	7.50
		HA1397	4.25	KA9257	2.25	LA4630	4.50	LA7802	2.50	LM1203N	7.00	MJ15003	5.33
		HA1398	5.25	KA22062	3.34	LA4700	5.49	LA7820	2.95	LM1391	2.50	MJ15004	5.33
BC107A	.25	HA11235	2.50	KA22063	3.19	LA4705	6.17	LA7823	2.85	LM1458	.79	MJ15015	2.99
BC109	.25	HA11414	9.50	KA22427	1.54	LA5512	.90	LA7824	2.84	LM1822	10.00	MJ15016	2.99
BC142	.25	HA11423	2.50			LA5603	7.50	LA7830	2.25	LM1875	5.00	MJ15024	7.75
BC147B	.25	HA11431	6.50	KIA6269P	1.40	LA5611	5.00	LA7831	3.99	LM2901	1.40	MJ15025	7.92
BC148	.25	HA11440	4.75	KIA6278	1.00	LA5613	2.75	LA7832	2.00	LM3915	2.69	MJE200	.40
BC149	.25	HA11510HT	5.00	KIA6282	1.95	LA5617	3.50	LA7833	2.75	LM7000	3.85	MJE243	.89
BC159	.25	HA11511	8.85	KIA6283	2.10	LA5668	2.19	LA7835	2.67	LM7001	3.17	MJE350	1.14
BC171	.25	HA11539	3.19	KIA7217	2.30	LA6324	1.25	LA7836	3.29	LM7860	2.50	MJE3055	1.00
BC178	.25	HA11541NT	11.50	KIA7227	3.67	LA6358	.90	LA7837	2.67	LM8460	3.25	MJ13005	1.67
BC182C	.25	HA11580	8.45			LA6458	.79	LA7838	2.67	LM8560	3.50	MJE13007	2.34
BC183	.25	HA11741	9.20	L78LR05D	1.79	LA6510	3.00	LA7840	5.00			MJE13009	3.17
BC184	.25	HA11847	13.00	L78MR05	3.75	LA6515	2.42	LA7841	3.99	M5218L	1.00		
BC186	.25	HA12002	2.99	LA1260	1.25	LA6520	2.75	LA7845	4.19	M5223L	1.35	MN1277A	8.50
BC212LB	.25	HA12016	2.67	LA1265	1.90	LA6523	2.59	LA7850	3.50	M5230	1.69	MN2488	13.25
BC 213	.25	HA12017	3.25	LA1266	2.50	LA6524	5.25	LA7851	3.50	M5236	1.29	MN3817	4.00
BC214B	.25	HA12038	4.35	LA1365	1.80	LA6531	5.85	LA7853	3.50	M47020	4.60	MN6049	8.99
BC214C	.25	HA12038NT	4.34	LA2500	1.75	LA6532	6.25	LA7855	3.69	M50117AP	7.50	MN6163A	5.00
BC214L	.25	HA12134	3.69	LA2770	10.50	LA6533	4.50	LA7856	5.25	M50572ASP	30.00	MN6550B	9.00
BC237A	.25	HA12413	1.10	LA3115	2.50	LA7016	.99	LA7900	1.25	M50743FP	12.00	MN8303	4.79
BC237B	.25	HA13108	2.69	LA3155	1.75	LA7032	9.00	LA7910	1.19	M51102L	3.99		
BC300	.25	HA13117	3.90	LA3160	1.00	LA7042	4.00	LA7911	1.50	M51172P	2.10	MP1620	13.25
BC308	.25	HA13118	2.69	LA3201	1.75	LA7090	4.00	LA7912	1.19	M51307BSP	12.00	MPS13A	.45
BC309	.25	HA13119	2.50	LA3301	1.20	LA7096	2.85	LA7913	2.09	M51320P	3.69	MPS14A	.45
BC408B	.25	HA13128	6.67	LA3361	1.00	LA7113	3.67	LA7915	1.69	M51365SP	5.85	MPS3906	.15
BC413B	.25	HA13135	7.00	LA3365	2.35	LA7116	2.50	LA7916	2.00	M51366SP	6.25	MPS9410	.45
BC441	.25	HA13150	17.00	LA3375	2.10	LA7117	3.10	LA7920	1.09	M51383	10.50	MPS9625	.25
		HA13151	13.50	LA3376	2.35	LA7124	7.50	LA7940	2.85	M51387P	13.35	MPS9696	.20
BU208A	2.69	HA13152	13.00	LA3400	3.25	LA7184	10.50	LA7945	4.00	M51408SP	11.50	MPSA18	.50
BU406	1.99	HA13153	12.00	LA3401	2.50	LA7210	2.92	LA7952	1.75	M51411	11.75	MPSA42	.29
BU407	1.34	HA13155	13.50	LA3600	1.35	LA7213	1.20	LA7953	4.67	M51522L	2.00	MPSA92	.50
BU407D	1.37	HA13156	14.00	LA4108	7.50	LA7220	3.20	LA7956	2.17	M51903L	3.00		
BU408	1.37	HA13157	11.50	LA4120	2.75	LA7221	1.15	LA9210	8.50	M51995	4.30	OEC0047B	8.00
BU508A	2.79	HA13158	10.00	LA4140	.67	LA7222	1.69			M52023	10.00	OEC1002	10.50
BU508D	2.67	HA13403	5.50	LA4160	1.60	LA7282	2.99	LB1252	3.75	M52030SP	10.00	OEC2001	5.50
BU508DF	2.79	HA13412	7.99	LA4182	2.49	LA7285	3.69	LB1292	2.40	M52303	9.75	OEC2003	10.50
BU806	2.19	HA14436	4.00	LA4183	2.45	LA7286	2.25	LB1403	1.50	M52339SP	6.67	OEC3006	10.50
BU806FI	2.29	HA17431P	.79	LA4185	4.00	LA7295	2.67	LB1405	2.60	M52440ASP	12.75	OEC5003	10.00
BU2506DF	3.69			LA4190	1.69	LA7297	2.55	LB1409	4.00	M52686AP	7.75	OEC9026B	8.00
BU2508A	2.99	IRF530	2.50	LA4192	2.00	LA7316	5.42	LB1416	2.75	M52690SP	16.00	OECB005C	8.00
BU2508AF	3.10	IRF540	3.40	LA4260	2.35	LA7317	3.90	LB1450	1.50	M53274P	1.40	OFWM3950	4.00
BU2508DF	2.95	IRF630	2.09	LA4261	2.00	LA7320	2.00	LB1620	3.49	M54408P	5.20		
BU2520AF	3.75	IRF640	3.50	LA4265	2.20	LA7321	2.92	LB1622	3.00	M54450L	3.60	PN2907A	.25
BU2520DF	3.10	IRF730	2.60	LA4270	3.00	LA7323	6.67	LB1640	2.25	M54477AP	3.85	RX1X0137CEZZ	4.16
BU2525AF	4.25	IRF740	3.50	LA4280	4.00	LA7326	4.50	LB1641	1.50	M54477L	3.19	RH1X0212CEZZ	8.05
BU2527AF	3.75	IRF830	2.85	LA4282	3.34	LA7372	3.99	LB1643	4.58	M54514P	3.25	RH1X0225CEZZ	2.99
BUH417	4.99	IRF840	3.19	LA4285	3.25	LA7376	3.50	LB1644	2.95	M54532P	2.50	RH1X0238CEZZ	3.29
BUH517	4.99	IRF9530	3.75	LA4420	5.00	LA7383	10.00	LB1645	2.25	M54533P	4.00	RH1X0243CEZZ	2.50
BUH517D	4.99	IRF9540	4.19	LA4425	3.75	LA7384	11.00	LB1646	3.67	M54543L	2.42	RH1X0275CEZZ	4.75
BUT11AF	1.69	IRF9610	3.25	LA4440	4.25	LA7510	2.99	LB1648	3.67	M54544AL	2.59	RH1X0600CEZZ	3.20
BUT11AX	1.69	IRF9640	6.59	LA4445	4.00	LA7520	3.10	LB1649	2.89	M54545L	2.67	RH1X0758CEZZ	4.25
BUT56A	3.25	IRFP450	3.99	LA4446	3.35	LA7521	4.00			M54548L	4.69	RH1X1190CEZZ	9.90
BUV48A	5.42	IRFZ20	1.85	LA4450	8.00	LA7522	4.34	LC7131	4.20	M54549L	4.69		
BUW11	2.75	IRFZ22	3.00	LA4451	7.00	LA7530	2.59	LC7218	3.79	M54560P	3.00	SDA3412	3.99
BUW12A	4.75	IRFZ24	3.34	LA4460	2.99	LA7535	3.50	LC7265	7.50	M54644AL	3.75	SE130N	4.85
BUX48	5.83	IRFZ34	3.19	LA4461	2.99	LA7545	3.60	LC7267	7.75	M54646AP	7.50	SE135N	5.65
BUX84	2.00	IRFZ40	5.00	LA4465	3.69	LA7555	3.60	LC7535	5.25	M54648L-D	6.00	SE136N	3.99
BUX87	1.45	IRFZ42	5.00	LA4466	2.85	LA7575	4.17	LC7536	5.85	M54649L	3.69	SE140NL	5.00
BUY69A	3.60	IRFZ44	5.00	LA4470	3.75	LA7577	5.25	LC7537	8.69	M58473P	3.00	SGSIF461	8.50
BUZ11A	3.10	IRFZ48	3.85	LA4471	3.75	LA7601	5.84	LC7582	5.00	M58485	7.10		
BUZ71A	3.00			LA4475	3.75	LA7610	16.50	LC7800	5.00	M58618-83P	5.50	STK080	13.50
BUZ102	3.85	JU0125	8.25	LA4476	3.50	LA7612	8.75	LC7815	3.75	M58626-002P	5.00	STK082	20.00
		JU0145	13.00	LA4480	3.67	LA7620	5.49	LC7818	4.00	M600251001SP	10.00	STK084G	23.00
				LA4485	3.67	LA7621	6.00	LC7821	3.34			STK086	24.00
CA3237E	4.00			LA4490	3.67	LA7625	5.84	LC7822	3.25	MB3202	2.75	STK086G	25.00
CXA1019S	2.75	KA2130	2.00	LA4495	3.99	LA7626	5.75	LC7823	3.75	MB3722	3.69	STK0039	10.00
CXA1110BS	8.50	KA2131	2.00	LA4496	3.85	LA7629	5.84			MB3732	3.89	STK0040	11.75
CXA1124BS	9.75	KA2133	3.34	LA4497	3.67	LA7650	8.34	LM311N	.89	MB3756	2.67	STK0049	12.90
CXA1191S	3.50	KA2201	1.20	LA4500	4.00	LA7652	8.75	LM317	1.00	MB3759	1.85	STK0070	19.25
CXA1264AS	15.75	KA2206	1.42	LA4505	3.49	LA7655N	8.34	LM318	1.50	MB3761	3.50	STK0080	19.25
CXA1279AS	8.50	KA2209	1.09	LA4508	4.25	LA7670	9.17	LM324	.79	MB8726	4.50	STK433	9.95
CXA1465AS	15.75	KA2212	.84										

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STK436	11.00	STK4201V	18.50	STK6982H	10.00	STR30134	4.50	TA1223AN	11.50	TA7757	1.29	TA8825N	13.10
STK437	15.00	STK4211II	20.50	STK7216	9.25	STR30135	4.25	TA1242N	9.50	TA7769P	1.50	TA8845	5.25
STK439	15.00	STK4211V	20.84	STK7231	8.95	STR40090	9.50	TA1252AN	13.00	TA7777N	12.25	TA8850	11.50
STK459	15.00	STK4221II	21.60	STK7241	8.34	STR50041	10.00	TA1268	8.25	TA7777P	12.50	TA8859	9.50
STK460	16.50	STK4221V	18.34	STK7251	7.50	STR50092	10.00	TA2058F	11.50	TA7778P	7.75	TA8862	4.00
STK461	16.50	STK4225II	19.50	STK7253	6.67	STR50103	9.00	TA7061AP	1.35	TA7784P	1.50	TA8864	9.25
STK463	18.75	STK4231II	23.75	STK7308	7.90	STR50115	10.35	TA7089P	4.99	TA8102	2.45	TA8870	15.75
STK465	20.00	STK4231V	24.59	STK7309	9.00	STR50130	8.75	TA7130P	1.50	TA8105	3.20	TA8879N	13.50
STK561F	9.75	STK4235II	25.00	STK7310	9.25	STR50330	10.75	TA7137P	2.70	TA8110	1.39	TA8891	5.25
STK1039	10.25	STK4241II	26.67	STK7348	6.50	STR51041	8.50	TA7140P	2.90	TA8122	2.50	TA75902P	1.15
STK1049	14.00	STK4241V	26.67	STK7356	7.40	STR52041	10.00	TA7157AP	2.70	TA8127N	3.00	TC4066B	.64
STK1050	12.30	STK4272	11.10	STK7358	7.95	STR52100	6.95	TA7176AP	1.85	TA8127F	2.50	TC9142P	3.75
STK1050II	13.40	STK4273	9.75	STK7404	11.98	STR53041	7.50	TA7205AP	3.50	TA8132N	3.25	TC9145	3.50
STK1060II	15.90	STK4274	10.50	STK7406	13.50	STR53043	9.50	TA7222AP	2.30	TA8164	2.00	TC9146	6.75
STK1070	13.75	STK4275	9.30	STK7563F	15.00	STR54041	7.50	TA7226P	3.50	TA8167	3.20	TC9147BP	4.00
STK2125	16.00	STK4277	16.50	STK73012	7.92	STR58041	9.50	TA7227P	3.55	TA8189	2.20	TC9149	2.35
STK2129	16.00	STK4278	16.75	STK73410	8.10	STR59041	9.50	TA7230P	2.00	TA8191F	6.75	TC9150	4.75
STK2260	23.50	STK4301	11.80	STK73410II	8.10	STR60001	9.50	TA7232P	2.50	TA8194	3.19	TC9151P	6.75
STK3041	9.90	STK4311	13.25	STK73605	5.00	STR80145	8.50	TA7233P	2.95	TA8200AH	5.00	TC9152	4.00
STK3042	9.90	STK4332	7.80	STK391-020	11.25	STR81145	7.50	TA7240AP	3.50	TA8201AK	3.75	TC9153AP	3.34
STK3042II	9.95	STK4352	9.25	STK392-010	15.75	STR90120	8.00	TA7241AP	3.50	TA8205AH	5.35	TC9154AP	3.75
STK3042III	9.95	STK4362	7.98	STK392-020	20.00			TA7242P	2.95	TA8207K	2.69	TC9162N	5.00
STK3062II	10.00	STK4372	9.25	STK392-110	14.75	STRD1005	7.50	TA7245BP	2.95	TA8208H	4.75	TC9163N	4.67
STK3062III	10.00	STK4392	9.65	STK392-150	13.99	STRD1206	9.50	TA7250BP	4.90	TA8210AH	5.99	TC9164N	5.34
STK3082	13.00	STK4412	11.00	STK396-010	6.00	STRD1406	6.25	TA7252P	2.50	TA8211AH	4.00	TC9165	4.50
STK3082II	10.00	STK4432	12.75	STK400-020	15.25	STRD1506	9.25	TA7256P	3.75	TA8213K	4.10	TC9172P	3.75
STK3082III	10.00	STK4853	20.75	STK400-040	16.99	STRD1606	8.25	TA7259P	4.00	TA8214K	4.50	TC9174	3.00
STK3102II	9.75	STK5315	9.70	STK400-050	14.00	STRD1706	9.90	TA7262P	6.00	TA8215H	5.35	TC9176	3.00
STK3102III	9.75	STK5322	8.00	STK401-020	11.75	STRD1806	9.25	TA7263P	5.00	TA8215L	6.25	TC9177P	6.17
STK3122II	10.75	STK5324	8.00	STK401-040	16.75	STRD1816	10.75	TA7264P	5.00	TA8216H	5.75	TC9185	4.92
STK3152II	14.65	STK5325	7.50	STK401-051	15.00	STRD3010	5.00	TA7267BP	3.00	TA8217P	2.00	TC9212P	4.00
STK4024II	6.95	STK5326	7.50	STK401-120	20.00	STRD3030	7.25	TA7269P	3.15	TA8218AH	6.35	TC9213P	5.85
STK4028X	12.50	STK5327	7.50	STK401-130	28.00	STRD3035	7.25	TA7270P	2.85	TA8220H	8.90	TC9214P	3.50
STK4030II	9.00	STK5331	5.00	STK401-140	28.00	STRD4412	10.00	TA7271P	2.95	TA8221H	8.00	TC9215P	3.00
STK4036II	11.50	STK5332	4.50	STK405-070A	10.50	STRD4512	9.25	TA7273P	5.70	TA8223	3.25	TD6104P	2.00
STK4036XI	16.75	STK5337	5.00	STK405-090	16.99	STRD5441	8.80	TA7274P	3.95	TA8225H	8.00	TD6306	7.50
STK4038II	12.00	STK5342	4.75	STK407-050	12.00	STRD6001	10.00	TA7279AP	5.00	TA8227	2.00	TD6350	8.65
STK4038X	12.50	STK5343	7.00	STK410-030	30.00	STRD6004	8.80	TA7280P	3.75	TA8229K	3.50	TD6359P	5.84
STK4038XI	14.25	STK5346	6.75	STK417-100	30.00	STRD6009	8.35	TA7281P	3.50	TA8231L	12.50	TD6359N	6.25
STK4040II	12.75	STK5362	6.67	STK417-130	28.00	STRD6601	11.50	TA7282AP	3.00	TA8232	8.25	TD6380Z	6.50
STK4040V	14.75	STK5363	6.67	STK419-110	30.00	STRD6602	12.00	TA7283AP	3.00	TA8238K	4.25	TD6382	5.00
STK4040X	15.67	STK5371	6.90	STK419-120	35.00	STRD6801	11.50	TA7288P	3.00	TA8246	6.25	TDA1013	2.69
STK4040XI	17.25	STK5372H	5.65	STK419-130	26.00	STRF6514	8.50	TA7291P	4.25	TA8248K	12.25	TDA1002	5.00
STK4042II	14.50	STK5373	8.34	STK419-140	46.00	STRF6515	10.00	TA7291SA	4.17	TA8251AH	13.25	TDA1003A	5.40
STK4042V	17.50	STK5382	5.83	STK419-150	31.00	STRF6624	10.00	TA7292P	4.50	TA8256	5.75	TDA1010	1.50
STK4042XI	18.10	STK5391	5.84	STK426-530	30.00	STRF6626	10.00	TA7293	6.50	TA8400P	4.25	TDA1057	.60
STK4044II	13.75	STK5421	9.20	STK730-010	8.50	STRM6511	17.00	TA7294	6.00	TA8401	4.00	TDA1072	2.60
STK4044V	17.50	STK5422	8.00	STK730-020	9.00	STRM6513	17.50	TA7299	3.50	TA8403K	2.00	TDA1082	7.50
STK4044XI	17.50	STK5431	8.50	STK730-030	9.00	STRM6515	20.00	TA7310P	1.75	TA8405S	3.00	TDA1083	2.00
STK4046V	19.17	STK5434	9.50	STK730-130	7.50	STRM6515A	20.00	TA7317P	1.75	TA8410K	5.50	TDA1170N	2.69
STK4048II	17.10	STK5436	9.90	STK730-150	8.00	STRM6523	12.50	TA7323	2.40	TA8424	3.85	TDA1170S	2.67
STK4048V	19.75	STK5441	8.98	STK740-020	12.00	STRM6542A	13.50	TA7324P	2.00	TA8427	3.65	TDA1175	6.50
STK4048XI	23.34	STK5446	6.50			STRM6543	12.00	TA7325P	1.50	TA8428	8.00	TDA1180P	2.89
STK4050V	22.35	STK5451	7.75	STR2012	8.00	STRM6546	18.00	TA7330P	1.80	TA8432K	2.80	TDA1510	5.33
STK4101II	9.90	STK5461	8.50	STR2013	8.00	STRM6811	11.50	TA7331P	1.80	TA8445K	2.33	TDA1512	4.17
STK4102II	9.00	STK5462	8.00	STR3035	8.00	STRS5041	13.00	TA7342F	1.80	TA8449P	5.80	TDA1514	6.67
STK4112II	9.65	STK5464	6.25	STR3110	8.75	STRS5141	13.00	TA7342P	1.80	TA8601BN	7.55	TDA1515BQ	5.00
STK4121II	10.95	STK5466	7.00	STR3115	8.00	STRS5241	12.50	TA7343P	1.75	TA8604	7.15	TDA1516AQ	6.25
STK4122II	10.00	STK5467	6.50	STR3118	8.00	STRS5703	10.00	TA7358P	1.40	TA8605N	6.25	TDA1517	5.00
STK4131II	12.10	STK5468	7.75	STR3120	8.75	STRS5708	10.00	TA7373F	2.90	TA8606N	5.95	TDA1518Q	5.84
STK4131V	13.10	STK5471	6.50	STR3123	8.00	STRS5717	7.00	TA7607AP	3.50	TA8607	5.65	TDA1519	6.25
STK4132II	10.84	STK5472	6.50	STR3125	8.00	STRS5741	8.00	TA7609P	3.10	TA8608	5.65	TDA1520A	4.50
STK4141II	12.50	STK5473	5.00	STR3130	8.25	STRS5841	10.00	TA7611	4.25	TA8618	3.90	TDA1521	5.00
STK4141V	14.17	STK5474	9.25	STR3135	8.25	STRS5941	11.50	TA7628	3.20	TA8622	11.25	TDA1521A	5.42
STK4142II	12.50	STK5476	6.25	STR3220	8.75	STRS6301	9.50	TA7629	3.25	TA8631N	9.00	TDA1524A	3.67
STK4151II	14.25	STK5477	5.75	STR3230	8.25	STRS6301A	10.00	TA7630P	3.50	TA8644	7.25	TDA1526	3.50
STK4151V	14.60	STK5478	6.00	STR3335	8.50	STRS6302	12.00	TA7640AP	1.35	TA8647S	2.00	TDA1552Q	7.92
STK4152II	13.50	STK5479	9.50	STR4142	11.90	STRS6307	13.75	TA7644BP	7.95	TA8655AN	12.00	TDA1553Q	6.67
STK4161II	17.50	STK5481	14.25	STR5412	9.90	STRS6309	11.85	TA7658P	2.30	TA8659	10.00	TDA1554Q	6.50
STK4161V	16.25	STK5482	8.25	STR11006	9.00	STRS6421	15.45	TA7660P	3.75	TA8677N	12.00	TDA1557	7.75
STK4162II	14.10	STK5486	8.75	STR12006	10.00	STRS6514	12.00	TA7670P	8.25	TA8680N	9.90	TDA1558	8.50
STK4171II	16.80	STK5487	7.34	STR13006	9.00	STRS6703	11.00	TA7673P	2.30	TA8680BN	8.50	TDA1670A	5.75
STK4171V	17.50	STK5632	6.50	STR15006	7.50	STRS6707	12.00	TA7678AP	6.00	TA8720	7.99	TDA1675A	6.25
STK4172II	15.84	STK5633	7.09	STR17006	8.25	STRS6708	11.65	TA7680AP	4.75	TA8723	10.84	TDA1770	17.00
STK4181II	20.84	STK6722	15.75	STR30110	4.75	STRS6709	13.25	TA7681AP	5.00	TA8724	7.50	TDA1771	2.00
STK4181V	17.75	STK6732	17.50	STR30112	3.50	STRZ2151	12.50	TA7687AP	2.50	TA8725AN	13.00	TDA1905	2.34
STK4182II	14.50	STK6822	17.50	STR30115	4.50	STRZ2751	14.75	TA7688P	1.60	TA8745	15.85	TDA2002V	1.25
STK4191II	17.25	STK6922S	9.75	STR30120	4.25	STRZ2753	14.00	TA7705P	2.90	TA8766AN	7.85	TDA2003	1.34
STK4191V	17.10	STK6932	10.75	STR30123	4.75	STRZ24151	13.50	TA7709F	2.75	TA8776	9.00	TDA2004	3.00
STK4192II	16.90	STK6962	4.25	STR30125	4.75			TA7719P	2.60	TA8792N	6.25	TDA2005	2.67
STK4201II	18.50	STK6972	6.75	STR30130	4.75	TA1201AN	9.50	TA7736P	4.90	TA8801AN	6.50	TDA2006	2.34

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TDA2007	2.34	TDA4570	5.00	TDA7296	9.50	TDA8361	15.50	TIP122	.99	UPC1252	3.60	UPD1200	7.00
TDA2008	2.92	TDA4580	11.50	TDA7313	9.25	TDA8362	20.00	TIP127	.97	UPC1263C	3.34	UPD1203C	3.75
TDA2009	3.51	TDA4600	4.34	TDA7314	5.45	TDA8373	18.50	TIP142	2.34	UPC1270H	4.15	UPD1716C	8.00
TDA2030V	2.35	TDA4601	4.34	TDA7318	7.50	TDA8385	6.25	TIP147	2.34	UPC1278H	3.29	UPD1937C	4.17
TDA2040AV	3.50	TDA4605	5.42	TDA7350	8.75	TDA8368A	15.00	TIP2955	2.00	UPC1288V	3.25	UPD1943G	4.80
TDA2050	5.83	TDA4665	5.75	TDA7360	7.50	TDA8369	7.25	TL594	2.00	UPC1298V	5.50	UPD4023BC	.35
TDA2052	9.25	TDA4800	5.50	TDA7365	6.25	TDA8380	4.75	TIP3055	2.00	UPC1308	5.85	UPC4741	2.00
TDA2540	3.75	TDA4850	6.25	TDA7370	15.00	TDA8424	8.35	TSA5510	Sub	UPC1310V	6.17	UPD6111	11.00
TDA2541	2.50	TDA4851	6.25	TDA7372A	6.75	TDA8425	10.00	TSA5511	5.83	UPC1316C	1.84	UPD6250	5.99
TDA2545A	5.00	TDA4852	8.25	TDA7374	8.75	TDA8432	11.35	TSA5511T	5.83	UPC1318AV	4.90	UPD6326	4.35
TDA2546A	5.50	TDA4860	7.00	TDA7375V	10.00	TDA8444	6.75	TSA5512T	Sub	UPC1335V	3.67	UPD6336	4.25
TDA2577A	5.34	TDA4866	4.35	TDA7384A	29.00	TDA8560	7.50	TSA5515T	5.00	UPC1342V	5.17	UPD7528C	9.00
TDA2579A	6.00	TDA4881	7.50	TDA7385	15.00	TDA8561Q	7.00	TSA5520T	5.00	UPC1350	2.60	Power Diodes	
TDA2581	7.50	TDA4950	2.50	TDA7386	19.75	TDA8567	14.75			UPC1360	7.70		
TDA2593	2.50	TDA5030	6.42	TDA7394	7.95	TDA8568Q	16.50	UC3842	2.00	UPC1363CA	4.00	2.5A 1KV	.25
TDA2595	2.92	TDA6101Q	5.00	TDA8132	4.50	TDA9102C	4.50	UC3843AN	2.25	UPC1371C	5.00	3A1KV	.39
TDA2611A	2.50	TDA6103Q	3.75	TDA8133	5.75	TDA9103	10.50	UPC16C	2.80	UPC1373H	1.80		
TDA2653A	5.00	TDA6106	4.25	TDA8137	3.50	TDA9302H	5.85	UPC494	1.70	UPC1377C	3.34		
TDA2822M	1.75	TDA7052	2.50	TDA8138	3.50	TDA9852	9.50	UPC554	3.50	UPC1378H	6.25		
TDA3190	2.20	TDA7053	3.50	TDA8139	6.00	TEA2025	2.00	UPC566H	1.75	UPC1379C	3.00		
TDA3190XP	2.50	TDA7056	3.69	TDA8140	3.35	TEA2037A	3.29	UPC571	2.00	UPC1394C	2.49		
TDA3505	5.83	TDA7073	4.00	TDA8145	3.69	TEA2260	7.50	UPC577H	2.75	UPC1458C	.59		
TDA3561A	7.33	TDA7230	2.83	TDA8170	5.19	TEA2261	3.75	UPC585C	2.75	UPC1470	2.00		
TDA3563A	9.00	TDA7231	1.50	TDA8172	3.83	TEA2262	5.00	UPC587	1.80	UPC1473HA	2.10		
TDA3564	6.67	TDA7233	2.45	TDA8174	6.67	TIP31C	.79	UPC592	2.20	UPC1474	4.05		
TDA3569	5.00	TDA7235	2.25	TDA8175	6.00	TIP32C	.79	UPC1094	2.00	UPC1484	4.67		
TDA3603	5.85	TDA7240A	3.34	TDA8179	4.65	TIP33C	1.84	UPC1185H2	7.50	UPC1486A	2.19		
TDA3651	6.67	TDA7250	5.83	TDA8198	4.00	TIP34C	1.84	UPC1188H	4.17	UPC1488H	2.67		
TDA3652	9.15	TDA7256	9.17	TDA8302	8.00	TIP35C	3.19	UPC1225H	3.34	UPC1498H	3.45		
TDA3653CQ	3.09	TDA7262	7.50	TDA8303	6.00	TIP36C	3.19	UPC1228	1.00	UPC1513	1.50		
TDA3654Q	4.75	TDA7263	4.50	TDA8305A	10.00	TIP41C	.79	UPC1230H2	4.25	UPC2500	9.25		
TDA4190	5.00	TDA7263M	4.50	TDA8340	6.85	TIP42C	.79	UPC1237HA	1.34	UPC2581V	23.00		
TDA4433	5.25	TDA7265	11.25	TDA8350	6.67	TIP50	1.09	UPC1238	2.67	UPC4558C	.84		
TDA4440	6.25	TDA7267	4.19	TDA8351	4.58	TIP54	2.83	UPC1241H	2.09	UPC4570HA	1.09		
TDA4504B	13.25	TDA7294	7.00	TDA8356	4.50	TIP102	1.25	UPC1242H	2.10	UPC4574	2.69		
TDA4505	10.00	TDA7295	7.99	TDA8360	15.00	TIP107	1.09	UPC1245	1.80	UPD261C	5.80		

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10A, 60V.
Sony #8-719-988-31

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25¢ (1-9) 19¢ (10 up)		1N4731A	4.3V	1N4737A	7.5V	1N4743A	13V	1N4749A	24V	1N4755A	43V	1N4761A	75V
		1N4732A	4.7V	1N4738A	8.2V	1N4744A	15V	1N4750A	27V	1N4756A	47V	1N4762A	82V
		1N4733A	5.1V	1N4739A	9.1V	1N4745A	16V	1N4751A	30V	1N4757A	51V	1N4763A	91V
1N4728A	3.3V	1N4734A	5.6V	1N4740A	10V	1N4746A	18V	1N4752A	33V	1N4758A	56V	1N4764A	100V
1N4729A	3.6V	1N4735A	6.2V	1N4741A	11V	1N4747A	20V	1N4753A	36V	1N4759A	62V		
1N4730A	3.9V	1N4736A	6.8V	1N4742A	12V	1N4748A	22V	1N4754A	39V	1N4760A	68V		

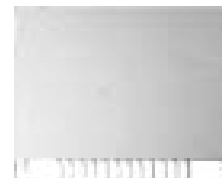
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0026510264	10.00	1-439-454-11	17.00	2435376	14.00	7334021400603	10.00	FB3024A	27.95	KFS21288	15.00
0432140031	18.00	1-439-455-11	32.00	2G25010-501	22.00	74730102538	10.00	FBT1042	15.00	KFS60226B	13.50
0432200081	18.00	1-439-482-00	35.00	3214001	16.00	79A302-2	26.90	FBT1053	20.50	KFS60266B	13.50
101-206001-03	18.00	1-439-483-11	32.00	3214002	13.00	79A302-7/9	13.50	FBT1061A	15.00	KFS60288	15.00
101-214002-03	18.00	1-439-498-71	32.00	3214003	13.00	79A302-8/10	13.50	FCC1415AL	13.50	MSH1FCT31	28.00
101-214004-03	14.00	1-439-502-11	20.00	3214007	24.95	79A307-1/2	13.50	FCC1415EL	13.50	TF23V0070L5	40.00
101-214005-03	14.00	15-E000-0049	10.00	3214008	14.00	8-598-922-00	19.00	FCC1415JL	14.00	TF23V5001LO	40.00
101-214007-03	18.00	154-016A	8.00	3220004	13.00	8-598-969-00	19.00	FCC1415XL	15.00	TF25V0080L7	40.00
101-220002-03	13.50	154-016B	16.00	3220006	14.25	95-4064	15.00	FCC2015AL	13.50	TFB121	26.95
101-220004-03	24.00	154-019A	16.00	3220007	14.25	95-4136	15.00	FCC2015JL	13.50	TFB174	17.00
101-220005-03	18.00	154-026A	16.00	3220008	5.00	AT2079	22.00	FCC2015LL	19.25	TFB176G	5.00
1-230-666-21	16.00	154-030A	16.00	3220009	13.75	AT30101/02TY	22.00	FCK14B2	17.00	TFB176H	17.00
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1-439-235-11	16.00	154-038N	16.00	3220013	16.00	DCF1551	13.50	FCK1412E01	13.50	TFB200	18.00
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1-439-235-22	16.00	154-041A	12.00	3220018	16.00	DCF1580	14.00	FCK1415AL	13.50	TFB648I	16.00
1-439-238-00	16.00	154-056A	14.00	3220019	14.75	DCF2052	16.00	FCK1415EL	13.50	TFB-4029AD	13.75
1-439-238-11	16.00	154-064C	13.50	3220022	24.00	DCF2077	13.50	FCK1415JL	13.50	TFB-4030AD	13.75
1-439-243-00	16.50	154-064D	14.00	3220023	19.00	ETF39L426A2T	16.00	FCM1411L01	14.00	TLF14401F	15.75
1-439-243-11	16.50	154-068A	7.00	3220025	16.00	EW77X19	16.00	FCM1415AL	13.50	TLF14413F	15.75
1-439-243-12	16.50	154-072A	13.25	3225001	17.50	EW77X27	23.00	FCM20A010	14.00	TLF14417F	24.00
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1-439-254-13	16.00	154-074N	13.50	3225005	19.90	F0011/PE	16.00	FCM20B007	13.50	TLF14426F	24.00
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1-439-280-13	14.50	154-122R	13.50	334B07606	20.00	F0055	20.00	FCM2015BL	15.00	TLF14615F	13.75
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1-439-288-12	16.50	154-122W	16.00	334P10801	17.00	F0058	18.50	FCM2015KE	20.50	TLF14630F	14.00
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1-439-289-22	16.50	154-131A	16.00	334P12503	28.00	F0061	20.00	FCM2015MLP	14.00	TLF14706F	14.00
1-439-289-31	16.50	154-132A	16.00	334P12508	29.00	F0192A	17.00	FCM2015NL	13.50	TLF14712F	14.00
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1-439-311-13	16.50	154-166A	17.00	334P15201	29.00	F1119	19.95	FCR2615AL	18.50	TLF15544F	20.00
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1-439-333-29	20.00	19.70009.001	12.00	4200010-01	12.00	F1445	14.50	FD194	25.00	TLF70067A	16.00
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1-439-334-13	14.50	2431723	15.00	4200031-01	10.50	F1452	16.00	FEA310	20.00	TLF80802-1	11.00
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1-439-357-11	15.00	2434401	14.50	510714002151	17.00						
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1-439-363-21	16.50	2434621	16.50	5830011	14.00						
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217658	F
218540	C
218541	D2
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221098	K2

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223932	N2
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225767	A,D
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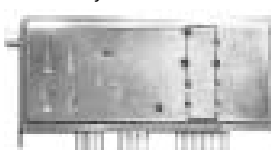
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#146537111 \$42.95

Sony Tuner

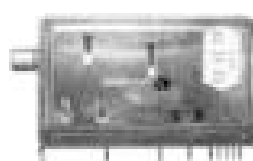
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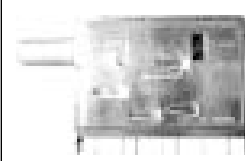
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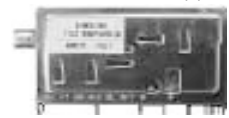
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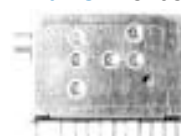
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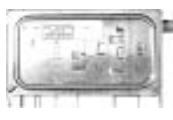
#VEQS0559



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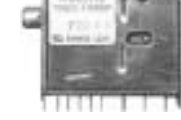
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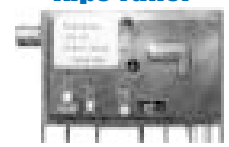
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UL approved.



#45-598 \$5.99

Antenna Isolator

#401-733C
6" length.
Used by Zenith & others.



#45-597 \$1.79

Antenna Isolator

PCB mount.
8" length.
Samsung & others.



#45-599 \$4.99

Square and Flat Belts

SBS Belts .44 (10 UP) .49 (1-9)

Thickness .046" or 1.2 mm  Thickness of belt

Order #	Order #	Order #	Order #	Order #
SBS1.9	SBS3.7	SBS5.3	SBS8.0	SBS10.0
SBS2.1	SBS3.9	SBS5.4	SBS8.2	SBS10.8
SBS2.4	SBS4.0	SBS5.6	SBS8.4	SBS11.0
SBS2.6	SBS4.3	SBS6.2	SBS8.6	SBS13.6
SBS2.9	SBS4.6	SBS6.7	SBS8.9	SBS14.7
SBS3.2	SBS4.9	SBS7.4	SBS9.2	SBS15.0
SBS3.5	SBS5.1	SBS7.7	SBS9.5	SBS16.0

SBT Belts .44 (10 UP) .49 (1-9)

Thickness .051"-.057" or 1.3-1.4mm  Thickness of belt

Order #	Order #	Order #	Order #	Order #
SBT2.5	SBT3.6	SBT4.8	SBT8.2	SBT12.4
SBT3.0	SBT4.1	SBT6.3	SBT9.0	
SBT3.2	SBT4.3	SBT7.2	SBT9.6	

SBM Belts .44 (10 UP) .54 (1-9)

Thickness .062-.070" or 1.6-1.7mm  Thickness of belt

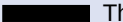
Order #	Order #	Order #	Order #	Order #
SBM2.3	SBM3.8	SBM5.6	SBM8.5	SBM11.5
SBM2.5	SBM4.0	SBM5.9	SBM8.8	SBM12.0
SBM2.8	SBM4.2	SBM6.5	SBM9.1	SBM12.4
SBM3.0	SBM4.5	SBM6.7	SBM9.6	SBM13.6
SBM3.2	SBM4.65	SBM7.1	SBM9.8	SBM14.5
SBM3.4	SBM5.0	SBM7.5	SBM10.0	
SBM3.6	SBM5.4	SBM8.0	SBM11.1	

SBL Belts .49 (10 UP) .59 (1-9)

Thickness .075"-.079" or 1.9-2.0mm  Thickness of belt

Order #	Order #	Order #	Order #	Order #
SBL2.15	SBL3.6	SBL5.7	SBL8.2	SBL11.1
SBL2.4	SBL3.7	SBL6.0	SBL8.5	SBL11.5
SBL2.65	SBL4.0	SBL6.2	SBL8.7	SBL12.0
SBL2.9	SBL4.2	SBL6.5	SBL9.1	SBL12.5
SBL3.0	SBL4.44	SBL6.7	SBL9.4	SBL13.3
SBL3.12	SBL4.8	SBL7.0	SBL9.8	SBL13.6
SBL3.4	SBL5.1	SBL7.5	SBL10.0	SBL14.3
SBL3.5	SBL5.4	SBL7.8	SBL10.7	

SBX Belts .54 (10 UP) .65 (1-9)

Thickness .086"-.095" or 2.2-2.4mm  Thickness of belt

Order #	Order #	Order #	Order #	Order #
SBX2.5	SBX5.7	SBX8.4	SBX10.0	SBX12.5
SBX2.8	SBX6.6	SBX8.7	SBX10.5	SBX13.8
SBX3.2	SBX7.0	SBX9.1	SBX11.4	SBX14.3
SBX3.7	SBX7.5	SBX9.5	SBX11.6	SBX15.3
SBX4.2	SBX8.0	SBX9.8	SBX12.0	

FBS Belts .54 (10 UP) .65 (1-9)

Thickness .025" Width .125"-.150"  Thickness of belt
Width of belt

Order #	Order #	Order #	Order #	Order #
FBS5.1	FBS6.7	FBS8.0	FBS9.0	FBS9.6
FBS5.6	FBS7.0	FBS8.4	FBS9.2	
FBS5.8	FBS7.5	FBS8.6	FBS9.4	

FBM Belts .54 (10 UP) .65 (1-9)

Thickness .025" Width .180"-.235"  Thickness of belt
Width of belt

Order #	Order #	Order #	Order #	Order #
FBM2.0	FBM7.5	FBM8.8	FBM10.5	FBM11.7
FBM2.5	FBM7.8	FBM9.0	FBM10.7	FBM12.1
FBM3.0	FBM8.0	FBM9.6	FBM11.0	FBM12.5
FBM3.6	FBM8.3	FBM9.9	FBM11.2	FBM13.3
FBM7.0	FBM8.6	FBM10.2	FBM11.5	FBM14.0

Turntable Belts

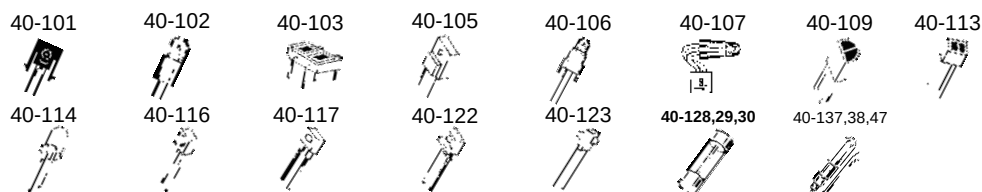
FBM15.2	1.09	FBM21.4	1.19	FBM24.0	1.29
FBM20.0	1.19	FBM23.6	1.19	FBM25.5	1.79

FBL Belts .59 (10 UP) .65 (1-9)

Thickness .025" Width .275"-.315"  Thickness of belt
7.0-8.0 MM Width of belt

Order #	Inner Diam. (mm)	Order #	Inner Diam. (mm)
FBL10.1	82	FBL12.6	102
FBL12.0	97	FBL13.5	109
FBL12.1	98		

Lamp/Interrupter/Diode



Lamps

'Fuse style' lamp	Grain of Wheat
6 volt 40-128	6 volt 40-147
8 volt 40-129	8 volt 40-137
12 volt 40-130	14 volt 40-138
59¢(10up) 69¢(1-9)	49¢(10up) 59¢(1-9)

Interrupter/Sensor

Tape End Sensor

RCA# 151757
Order# 40-101
99¢(10up) \$1.09 (1-9)

VCR Flange Lamp

RCA# 149389
Order# 40-106
59¢(10up) 79¢(1-9)

VCR Base Lamp

RCA# 144604
Order# 40-102
59¢(10up) 79¢(1-9)

Universal Tape End

Fits many brands.
Order# 40-105
69¢(10up) 79¢(1-9)

Interrupter

OEM# 268P02601
Order# 40-103
\$1.99(10up) \$2.29(1-9)

Interrupter Goldstar, Sharp.

Order# 40-109
\$1.79(10up) \$1.99(1-9)

Interrupter/Diode

Interrupter

Panasonic# 0N2160
Order# 40-113
\$2.79(10up) \$2.99(1-9)

Infrared

Hitachi# 5380471
Order# 40-116
\$2.29(10up) \$2.59(1-9)

Photo Diode

OEM# ET361490
Order# 40-114
\$1.29(10up) \$1.49(1-9)

Photo Diode

RCA/Hitachi 5381811
Order# 40-117
\$2.29(10up) \$2.59(1-9)

Sharp/Emerson

RHPX0099GE22
Order# 40-123
\$1.29(10up) \$1.49(1-9)

Sharp/Sony (Pink)

8-719-902-96
Order# 40-122
\$1.29(10up) \$1.49(1-9)

See our sale pages for up to 90% discounts on overstock belts!

Belt Assortment Kits

SBM/SBL Square Belt Kit

This kit contains 5 each of our top selling 15 SBM/SBL square belts in a plastic case.

Order# KIT9A

\$22.95 per kit



FBM Flat Belt Kit

Contains 5 each of our 6 most popular FBM flat belts in a plastic organizer.

Order# KIT7A

\$22.95 per kit



SBS/ST Square Belt Kit

This kit contains 5 each of our top selling 15 SBS/ST square belts in a plastic case.

Order# KIT9B

\$21.95 per kit



SBX Square Belt Kit

Contains 5 each of our 6 most popular SBX square belts in a plastic organizer.

Order# KIT9C

\$18.95 per kit



FBS/FBL Flat Belt Kit

Contains 5 each of our 6 most popular FBS/FBL flat belts in a plastic organizer.

Order# KIT7B

\$18.95 per kit



Square Belt Assortment Kit

Contains 50 or 100 assorted belts. All sizes & thicknesses are represented.

50 piece #29-200 **\$6.00**
100 piece #29-200A **\$11.50**



CD Square Belt Kit

Contains 5 each of our 6 most popular CD belts in a plastic storage case.

Order# KIT8

\$11.95 per kit



Cassette Belt Kit

5 each of our 6 most popular cassette player belts in a plastic case.

Order# KIT81

\$11.95 per kit



Turntable Belt Kit

Contains 1 each of our 6 most popular turntable belts in a storage case.

Order# KIT82

\$9.95 per kit



Maintenance Kits

NAP MOSFET Kit

#483513047068
Includes (3) ferrite beads,
power MOSFET IRFP450,
1/4w 22ohm resistor.



Order# 80-100 **\$3.95** each

Mitsubishi Repair Kit

Contains (2) load belts,
(1) reel belt, #522B017010
idler, #522B018010 idler,
& 522C055010 pinch roller.



Order# 80-200 **\$11.95** each

Panasonic Repair Kit

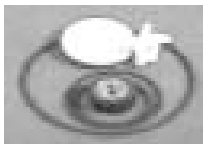
Contains (2) load belts,
(1) capstan belt,
(1) pinch roller,
(1) VXP0521 idler.



Order# 80-201 **\$6.95** each

Sharp Repair Kit

Contains (2) load belts,
(1) reel belt,
(1) pinch roller
#NIDL0006GEZZ idler.



Order# 80-202 **\$6.95** each

Fisher Repair Kit

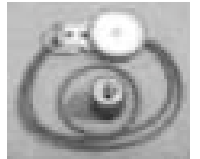
Contains (2) load belts,
(1) reel belt,
(#143-0-4204-00400 idler
& pinch roller.



Order# 80-203 **\$7.95** each

Fisher Repair Kit

Contains (2) load belts,
(1) reel belt,
#143-0-4204-00700 idler,
& pinch roller.



Order# 80-204 **\$7.95** each

NEC Repair Kit

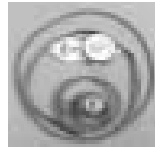
Contains (2) load belts,
#16180801 idler,
& #16178361 pinch roller.



Order# 80-205 **\$8.95** each

RCA/Hitachi Repair Kit

Contains 199335 belt kit,
(1) pinch roller
(1) 164113 idler.



Order# 80-206 **\$6.95** each

RCA/Hitachi Repair Kit

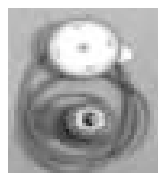
Contains 199347 belt kit,
(1) pinch roller
(1) 177194 idler.



Order# 80-207 **\$6.95** each

JVC Repair Kit

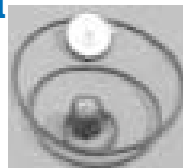
Contains (4) belts,
(1) pinch roller
#PU58645-1-4 idler.



Order# 80-208 **\$7.95** each

Daewoo Repair Kit

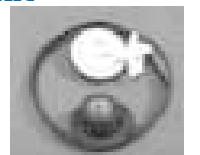
Contains (3) belts,
(1) pinch roller,
#97SA507200 idler.



Order# 80-209 **\$8.95** each

Samsung Repair Kit

Contains (4) belts,
(1) pinch roller,
#9000-250-308V idler.



Order# 80-210 **\$8.95** each

Idler Tires

Idler Tire Price Schedule

29¢ (50up) **34¢** (10-99) **39¢** (1-9)

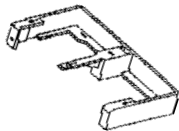
Sorry, no mixing for quantity discount.

400-080 RCA 150650 OD .685 ID .495 .130 Hitachi 6861481 6861482	400-070 RCA - 164113 Hitachi - 6886971 OD 1.014 ID .744 .140	400-180 Mitsubishi 522P00201 OD .599 ID .389 .120	400-170 Panasonic VXL50081 VXP0434 OD .470 ID .330 .140	400-210 OD .463 ID .359 .084
400-340 JVC PU48967B OD 1.113 ID .853 .190	400-200 Sanyo/Fisher 143-0-4204-00700 OD 1.118 ID .908 .120	400-040 Panasonic VXP0213 VXP0243 RCA 144265 OD .753 ID .543 .158	400-17 Mitsubishi 522B01701 OD .850 ID .600 .110	400-41 OD .768 ID .640 .117
400-310 OD 1.014 ID .744 .114	400-030 Panasonic VXP0171 VXP0174 OD 1.160 ID .910 .187	400-44 Samsung 5253-701-1105V OD .977 ID .717 .118	400-090 Sanyo/Fisher 143-0-4204-00400 143-0-4204-00300 OD .985 ID .815 .110	400-42 Mitsubishi 641B101020 OD .927 ID .673 .118
400-140 JVC PU48976B OD 1.014 ID .744 .155	400-050 Panasonic VXP0069 VXP0521 OD 1.160 ID .910 .115	400-100 Sanyo/Fisher 143-0-662T-15620 143-0-662T-15621 OD 1.130 ID .870 .120	400-29 Samsung 5153-600-0114V 6052-600-3101V RCA 192242 OD 1.152 ID .922 .100	400-110 Sharp NILYV-0051GEZZ OD 1.460 ID 1.216 .125
400-52 OD 1.156 ID .904 .160	400-11 Sanyo/Fisher 143-0-4204-00100 OD 1.243 ID .993 .125	400-130 Sharp NIDL-0006GEZZ OD 1.211 ID .881 .120	400-30 Samsung 9000-250-3308V OD 1.218 ID .958 .115	400-50 Panasonic VXP0331 VXP0433 RCA 152683 OD 1.230 ID 1.030 .140
400-45 Sanyo/Fisher 662T-14730 6130374875 OD 1.208 ID 1.012 .120	400-22 N.E.C. 161-781-79 OD 1.360 ID 1.126 .117	400-020 Panasonic VXP0344 RCA 148580 OD 1.420 ID 1.090 .155	400-410 Fisher 143-0-4104-00100/200 OD .977 ID .717 .118	400-010 Sharp NIDL0005GEZZ OD 1.370 ID .964 .125

VCR Repair Tools

VCR Test Jig

Works with G chassis.
Black plastic design.



Order# V-514 **\$14.95**

Belt Installation Tool



Order# SD18 **\$3.90**

VCR Repair Tool Kit

7 asst guide adjusters, head puller, retaining ring remover, screwdrivers, belt installation tool & more!



Order# KIT20 **\$36.95**

Parts "Picker-Upper"

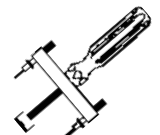
Great for starting screws and retrieving parts from tight places!



Order# 6061 **\$3.69**

VHS Head Puller

Easy head removal!
Screwdriver handle.
Metal body.



Order# SD396 **\$8.95**

Hemostats

Ridged tips for easy gripping.

Straight tip Order# 270A
Curve tip Order# 270B
\$3.95 either style



Electronix stocks only the highest quality tires!

VCR Pinch Rollers

Roller Prices **\$2.99**(10 up) \$3.49(1-9)

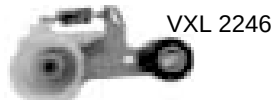
Order#	OD	HT	ID	Manufacturer #s	Order#	OD	HT	ID	Manufacturer #s
70-100	15.5	22	4	Hitachi 6383211/13, 6383762	70-260	18	17	4	Sharp NROLR0009GEZZ
70-110	17	21	4	JVC PU 51637A	70-270	12	18	2	Sony X-3690-114-1
70-120	15	18	4	Mits. 522C05501/2/3	70-280	16	19	4	NEC 16178353,16178362
70-130	18	23	3	Panas. VXL0776,1371, more.	70-290	13	18.2	3	Akai MP-604531
70-140	16	23	3	Panas. MANY, RCA 196861	70-300	16	18	3	Sanyo/Fisher 143-0-545T-02830
70-150	15	19	4	Sanyo/Fisher MANY	70-310	17	17	4	JVC PQ42006
70-160	18	20	4	Sharp NROLR0005GEZZ, more.	70-320	18	20	4	RCA 186465,192236
70-170	16	19	3	Sony X-3659-337-0, 3652-510-3	70-330	16	18	4	Samsung 65253-611-610
70-180	14	18.5	3	Panas. VXL1481,1743,1892.	70-340	15.5	18	3	Sanyo/Fisher 6130220158
70-190	15	17.5	4	Toshiba 70322134, 7033202372	70-345	14	18	3	Goldstar 333-209A, Zenith 917-902
70-200	18	18	4	Sharp NROLR0013GEZZ	70-370	15.5	17.5	4	JVC PQ43558A/C
70-210	15	21	4	JVC PU45275A, PU47549A	70-380	16	17	4	Emerson 850A4007B
70-220	17	18	4	JVC PQ40134A, PQ40252B-4	70-390	15	17	4	NEC 16185853
70-230	15.5	21	4	Sanyo/Fisher 143-0-4604-00700	70-410	15	17	3	Daewoo 97SA510200
70-240	16	23	3	Sanyo/Fisher 143-0-545T-02520	70-430	16	18	4	Goldstar 386-192A, 434-175A
70-250	15.5	18.5	4	RCA 162961,181203,202113	70-440	18	18	3	Akai MP404852J,BLV1130A160B
				Hitachi 6383763,6975768, 6979911	70-450	18	18	4	Akai VJ-22, VJ-23, VJ-25
					70-460	15	30	3	Various brands

Panasonic



#70-470 **\$9.95**

Panasonic



#70-480 **\$10.95**

Sony



#70-490 **\$16.95**

Sony



#70-495 **\$14.95**

Sony



#70-275 **\$5.50**

Goldstar



#386-192A **\$2.99**

Mitsubishi



#70-325 **\$11.95**

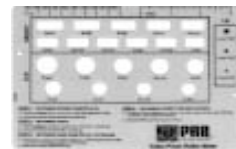
Goldstar



#333-209B **\$12.00**

Pinch Roller Meter

This template has cutouts to show outer diameter, height, and inner diameter of the roller/bearing, which can be matched to our catalog.



#70-350 **\$5.99**

Switches

Sony- Keyboard

1-554-813-41



#SW-10 **\$2.50**

Sony- Keyboard

1-572-596-11



#SW-11 **\$2.50**

Sony- Keyboard

1-692-037-31



#SW-12 **\$2.50**

Sony- Keyboard

1-692-118-21



#SW-13 **\$2.29**

Sony- Keyboard

1-762-357-11



#SW-1 **\$2.50**

Sony- Keyboard

1-692-037-31



#SW-2 **\$2.50**

Sony- Leaf

1-572-085-11



#SW-15 **\$2.29**

Sony- Push

1-571-754-11



#SW-14 **\$2.39**

Sony

1-572-283-11



#SW-3 **\$3.99**

Sony

1-762-141-12



#SW-4 **\$2.99**

Sony

1-570-771-11



#SW-5 **\$2.29**

Sony

1-572-922-11



#SW-6 **\$3.99**

Sony

1-571-532-21



#SW-7 **\$2.49**

Alpine

40T42603F01



#26-400 **\$2.39**

Alpine

40T45610F01



#26-410 **\$2.79**

Zenith- Push

85-1707-03



#66-246 **\$3.89**

Goldstar- Power

180-765 - 10K



#66-248 **\$6.99**

Goldstar- Power

50K



#66-249 **\$6.99**

Goldstar

556-219A



#556-219A **\$.99**

RCA

215500



#215500 **\$1.19**

JVC

64020402T



#64020402T **\$3.39**

JVC

QSP1A11-V10Z



#SW-8 **\$1.39**

JVC

PESW0525-02Z



#SW-9 **\$1.69**

JVC

QSP1A11-V15



#SW-8 **\$1.69**

Panasonic

ESB8249V



#ESB8249V **\$5.79**

Panasonic

EVQQBH12T



#EVQQBH12T **\$1.49**

Panasonic

ESD11H120



#ESD11H120 **\$2.29**

Panasonic

PQSH1A09Z



#SW-18 **\$1.89**

Panasonic

ESD1131233



#SW-19 **\$1.69**

Panasonic

EVQQEC04K



#SW-20 **\$2.29**

Panasonic

ANE6142-F60



#ANE6142-F60 **\$2.99**

Sanyo/Fisher

6142478585



#SW-21 **\$3.89**

Sanyo/Fisher

6142491355



#SW-22 **\$2.99**

Toshiba- Power

32502571



#32502571 **\$2.99**

VCR Up/Down



#66-245 **\$2.50**

TEKNIX VCR Belt Kits



Emerson Kit #1 (2 belts)

Kit fits the following **Emerson** VCRs: VCR873, VCS977, VCS977A, VCR754, VCS966A, VCR952, VCR872, VCR874, VCR951A, VCR870H, VCS955A, more.

Order# 29-110 **\$1.29**_(10up) \$1.49₍₁₋₉₎

Emerson Kit #2 (2 belts)

Kit fits the following **Emerson** VCRs: VCS955, VCS966, VCS966H, VCR951, VCR951H, VCR870, VCR880X, VCS955, VCS955H, and many more!

Order# 29-111 **\$1.29**_(10up) \$1.49₍₁₋₉₎

Fisher Kit #1 (3 belts)

Fits the following **Fisher** VCRs: FVH615, FVH715, FVH720, FVH722, FVH725, FVH815, FVH820, FVH830, FVH839, FVH840, and many more.

Order# 29-112 **\$0.99**_(10up) \$1.29₍₁₋₉₎

Fisher Kit #2 (3 belts)

Fits the following **Fisher** VCRs: FVH904, FVH905, FVH906, FVH907, FVH908, FVH919, FVH920, FVH940, and many more.

Order# 29-113 **\$1.39**_(10up) \$1.69₍₁₋₉₎

RCA/Hitachi 199336 (6 belts)

Fits: **Hitachi** VT56A, VT60A, VT61A, VT62A, VT63A, VT64A, VT65A, VT71A, VT73AY, VT74AY, VT76AY, VT78AY, VT86A, VT89A, VT1100A, VT1105A, VT1110A, VT1200A, VT1300A, VT1305A, VT1310A, VT1320A, VT1350A, VT1370A, VT1400A, VT1410A, VT1430A, VT1450A, VT1570A, VT1710A, VT1720A, VT1800A, VT1805A, VT2000A, VT2060A, VT2100A, VT2150A, VT2155A. **RCA** VLT450, VLT470, VLT600/601HF, VLT602HF, VMT285A, VMT295, VMT385, VMT385A, VMT389, VMT390, VMT395, VMT400, VMT590, VMT595, many more.

Order# 29-105 **\$1.99**_(10up) \$2.29₍₁₋₉₎

GE/Magnavox Kit #1 (2 belts)

Kit fits the following VCRs: Most **GE** 9-7600 and 9-7700 series, most **Magnavox** VR-9600 series, Also fits many models of **Panasonic, Quasar, NAP, Toshiba** and **Teknika**.

Order# 29-117 **\$1.29**_(10up) \$1.49₍₁₋₉₎

GE/Magnavox Kit #2 (2 belts)

Kit fits the following VCRs: Most **GE** 9-7100 and 9-7200 series, most **Magnavox** VR-9500 series, Also fits many models of **Panasonic, NAP, Quasar, Sylvania, Toshiba** and **Teknika**.

Order# 29-118 **\$1.29**_(10up) \$1.49₍₁₋₉₎

JVC/Zenith Kit (4 belts)

Kit fits the following **JVC** VCRs: HR-D series, BR series. Fits **Zenith** models VR1810, VR1820, VR1860, VR2230, VRD100 and many more!

Order# 29-115 **\$1.49**_(10up) \$1.99₍₁₋₉₎

Panasonic/Quasar Kit (2 belts)

Fits the following **Panasonic** VCRs: AG1270, AG2100, PV2101, PV2110, PV4100 series. Fits **Quasar** models VH200, VH400, VH6410. Also fits **GE, Magnavox**, and more!

Order# 29-103 **\$1.29**_(10up) \$1.49₍₁₋₉₎

RCA/Hitachi 199335 (6 belts)

Kit fits the following **Hitachi** VCRs: VT11AR, VT11A, VT12AX, VT12AY, VT15A, VT16A, VTAY, VT18A, VT19A, VT33A, VT34A, VT35A, VT43AY, VT44AY, VT45AY, VT88A, VT330A, VT330V, VT325, VKT326, VJT400, VJT425, VKT425, VKT430, VKT500, VKT550, **Sears** 934.53130250, 934.93431350, 934.53150350. Fits **GE** 1VCR3000X, 1VCR3001X, 1VCR3010X. Also fits many other models of **JC Penney**.

Order# 29-104 **\$1.99**_(10up) \$2.29₍₁₋₉₎

Goldstar Kit (2 belts)

Kit fits the following **Goldstar** VCRs: GHV51FM, GHV55FM, GHV1221M, GHV1222M, GHV1230, GHV1233/4/5, GHV2020, GHV1240/41, GHV1250/55M, GHV5210M, 8200, 9000.

Order# 29-101 **\$1.29**_(10up) \$1.49₍₁₋₉₎

Samsung Kit (4 belts)

Kit fits the following **Samsung** VCRs: VP2210, VP2215, VM6003, VR2410, VR2400, VR2000, VR5610L, VR500, VR7500F, VR2640, and many more.

Order# 29-106 **\$1.59**_(10up) \$1.99₍₁₋₉₎

Sharp Kit (6 belts)

Kit fits the following **Sharp** VCRs: VC2230U, VC6610U, VC670U, VC683U, VC685U, VC6975U, VC-A, VC-700 and VC-7000 series and many more!

Order# 29-109 **\$1.99**_(10up) \$2.29₍₁₋₉₎

RCA/Magnavox Kit (6 belts)

Fits the following **RCA**: VET200, 250, 253, 450, 650, VFT250, 450, 456, 650, 654. **Magnavox** VR8320, 25, 30, 35, 40, 45. Fits many models of **Curtis Mathes, Panasonic, NAP, JC Penney, Quasar**.

Order# 29-116 **\$1.99**_(10up) \$2.29₍₁₋₉₎

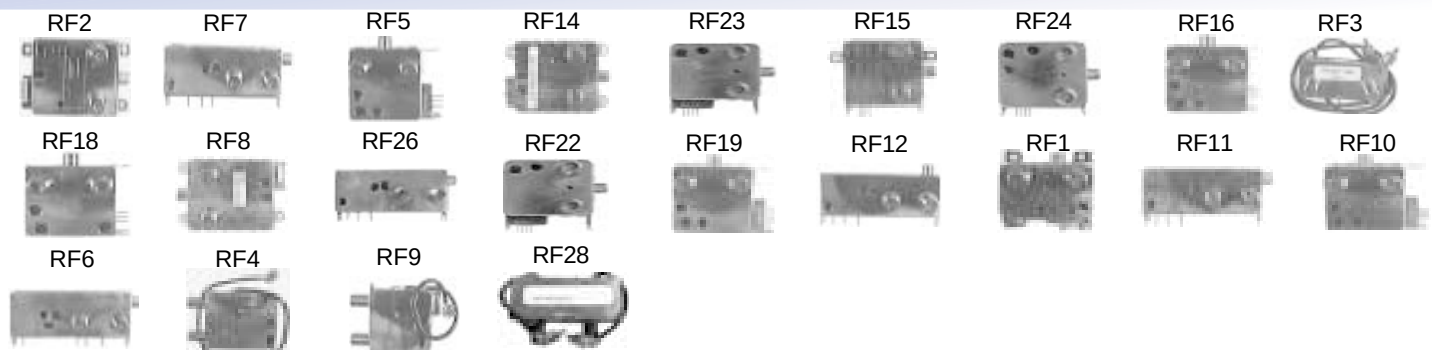
RCA/Hitachi 199347 (6 belts)

Kit fits the following **Hitachi** VCRs: VT200A, VT260, VT1100A, VT1100AR, VT1105A, VT1110A, VT1200U, VT1200UC, VT1300A, VT1300U, VT1305A, VT1310A, VT1320A, VT1350A, VT1360A, VT1370A, VT1400A, VT1410A, VT1420, VT1430, VT1450, VT1570, VT1710, VT1720, VT1800, VT2000A, VT2100A, VT2150A, more. Fits **RCA** VMT285, VMT295, VMT296, VMT297, VMT298, VMT390, VMT391, VMT400, VMT590, VMT595, VPT Series and many more. Also fits many other models of **JC Penney** and **Sears**.

Order# 29-119 **\$1.99**_(10up) \$2.29₍₁₋₉₎

Prices: \$14.75 each

RF Modulators



Akai/Mitsubishi	EGO-11-097	RF2	Hitachi	5589241	RF16	Sanyo/Fisher	4-1164-231600	RF10
Emerson	MDF8-VA3422	RF7	JVC/Zenith	PU52135	RF3	Sharp	R0035GE	RF18
Emerson	MDF33-VA3409	RF5	Mitsubishi	PU57855-01	RF8	Sharp	RTUNE0149	RF6
Emerson	MDF33-VA3425	RF22	Panasonic	ENC86811	RF26	Toshiba	MSU-911	RF4
Emerson	MDF33-3447	RF23	Panasonic	VEJS0045	RF28	Toshiba	MSU-951	RF9
Fisher	143-9-4300-57500	RF1	RCA	196213	RF22			
Funai/Multitech	1810632	RF14	RCA/NEC201191,	181225	RF19			
Goldstar	592-901A	RF23	Samsung	62569-002-283	RF19			
Hitachi	5587752	RF15	Sanyo	4-1164-031600	RF1			
Hitachi	5587753	RF24	Sanyo/Fisher	4-1164-131600	RF11			

Tosei Video Heads

Video Head Discount Price List

Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price	Order #	Price
5008	13.95	5044	13.95	5097	27.95	5123	17.99	5220	13.95	5274	13.95	5331	13.95	5424	12.95	5517	13.95
5010	32.95	5045	22.95	5101	21.95	5171	34.95	5241	13.95	5275	13.95	5333	13.95	5434	22.95	5518	39.95
5011	34.95	5046	22.95	5112	13.95	5172	22.95	5246	13.95	5276	13.95	5358	13.95	5470	32.95	5519	63.95
5015	13.95	5049	32.95	5114	28.95	5174	36.95	5247	21.95	5277	22.95	5359	25.95	5471	24.95	5520	46.95
5016	26.95	5091	13.95	5119	13.95	5197	38.95	5252	26.95	5295	13.95	5372	41.95	5508	15.95	5522	32.95
5017	28.95	5092	24.95	5121	13.95	5205	13.95	5271	13.95	5315	16.95	5374	41.95	5509	32.95	5603	13.95
5039	32.95	5093	19.95	5122	13.95	5211	15.95	5273	13.95	5316	13.95	5382	46.95	5515	33.95	5606	26.95

Video Head Cross Reference

Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#
AIWA AKAI ASTRA AUDIOVOX BLOCKSONIC CANON CAPEHART CITIZEN COLORTYME COLT CROSLEY CURTIS-MATHES Call For Models		SVG-220	5615	VG-7910	5046	VT-33A,34A	5241	686-6568,6569	5273	HR-VP46U	5172	VR-8525GY01	5295		
		SVG-2555	5615	VG-7920,7925,7975	5093	VT-35A	5606	686-6570	5016	HR-VP66U	5171	VR-8530BK01	5295		
		SVG-3000	5613	VG-7980	5049	VT-3A	5606	686-6575,6580	5247			VR-8535SL01	5295		
		SVG-400	5622	VG-9720,9725	5046	VT-43AY,44AY	5241	686-6585	5122	KENWOOD LLOYDS Call For Models					
		SVG-4000	5615	GOLDSTAR		VT-45AY	5606	855-0931	5471			VR-8542BK01	5277		
		SVG-4100	5613	AG-1200	5273	VT-47AY	5424	855-2032,2036,2366	5016			VR-8545GY01	5097		
		TVCR13F/IV	CALL	CV-5500	5273	VT-5A	5606	855-2382	5097			VR-8555GY01	5277		
		TVCR-19F	CALL	CV-5800	5273	VT-60A,61A,62A	5424	855-3018	5271	MAGNAVOX					
		VCR-5500	5613	GCV-1324M,1924M	5270	VT-630	5424	855-3026	5252	CR-1843AT01	5046	VR-8560SL01	5097		
		GENERAL ELECTRIC			GHV-1221,1226M	5273	VT-63A	5424	855-3075	5271	CR-9815AT01	5091	VR-8570SL01	5285	
DAEWOO		6-D4084530	5046	GHV-1230M,1233	5273	VT-710A	5424	855-3174	5470	CR-9860AT01	5049	VR-8954SL01	5046		
		9-7100,7110,7115	5044	GHV-1233M,MC	5273	VT-71A,73A,74A	5424	855-3364	5271	CR-9863AT01	5049	VR-9000AT01	5471		
		9-7120,7135,7140	5044	GHV-1234,35,40,41M	5273	VT-94A	5241	855-3372,3380	5252	CR-K113AT01	5091	VR-9010AT01	5471		
		9-7145,7150,7156	5044	GHV-1242,43,45,46M	5273	VT-M110	5275	855-4181	5039	CR-K120AT01	5091	VR-9035AT01	5470		
		9-7175,7176	5044	GHV-1247,50,55,65M	5273	VT-M120,M121,M123	5246	855-4610	5271	CR-L131AT01	5615	VR-9045AT01	5017		
		9-7215,7245,7250	5016	GHV-1266,68M	5273	VT-M130	5684	855-4636,4644	5277	CR-L191AT01	5615	VR-9100AT01	5471		
		9-7256,7270,7275	5016	GHV-1280M,1281M	5275	VT-M131	5246	855-4669	5271	CR-M091AT01	5615	VR-9110AT01	5471		
		9-7276	5016	GHV-1285	5275	VT-M132,M133,M134	5684	855-4693	5281	CR-M132AT02	5471	VR-9120AT01	5471		
		9-7350,7400	5039	GHV-1290M	5269	VT-M135A	5684	855-8348,8355A	5093	CR-M202AT01	5471	VR-9130AT01	5470		
		9-7450	5122	GHV-1322	5273	VT-M140A,M141	5246	855-8504A	5091	CR-N090AT01	5471	VR-9141	CALL		
DAYTRON DUMONT DYNATECH ELECTROHOME Call For Models		9-7500,7516,7520	5044	GHV-1400M	5272	M150A	5246	856-4651	5277	CR-N135AT01	5471	VR-9160	5171		
		9-7615,7620,7655	5045	GHV-1405M,1410M	5269	VT-M151A,M161A	5246	856-4685	5285	CR-N200AT02	5471	VR-9162AT01	5171		
		9-7675	5045	GHV-1600M,1620M	5273	M170A	5246	JENSEN Call For Models							
		9-7715,7720,7725	5046	GHV-1700M,1705M	5276	VT-M171A,M181A	5246	BR-3200U	5172	VC-4530SL01	5252	VR-9210	5471		
		9-7755	5046	GHV-1706M,1720M	5276	VT-M231,M240,M241	5684	BR-1260AT01	5049	VR-1225AT01	5091	VR-9221	5471		
		9-7785,7885	5049	GHV-1900M,1905M	5276	VT-P1000	5246	VR-1265AT01	5049	VR-1265AT01	5049	VR-9502AT01	5015		
		ICVD-2021W	5211	GHV-1915M,1921M	5276	VY-P2000,P3000	5247	BR-3200U	5172	VR-1820AT01	5091	VR-9510AT01	5015		
		ICVD-3020X	5205	GHV-1926M	5276	VT-P3050A	5684	BR-3700U,3900U	5172	VR-1830AT01	5045	VR-9512AT01	5015		
		ICVD-4020X	5252	GHV-2020	5273	VT-TU3A,TU5A	5606	BR-5100U,5300U	5223	VR-1840AT01	5093	VR-9520AT01	5015		
		ICVD-4021X	5205	GHV-41FM,42FM	5273	VT-TU7A,TU8A	5521	BR-6020U	5272	VR-1841AT01	5046	VR-9522AT01	5015		
EMERSON		ICVP-2020X	5211	GHV-45FN	5273	VT-TU9A	5241	BR-6500U,6700U	5221	VR-1861AT01	5289	VR-9525AT01	5015		
		ICVP-2022X	5211	GHV-4500M,4700M	5269	J.C. PENNY		BR-9050U	5171	VR-2032AT01	5017	VR-9526AT01	5015		
		ICVP-3022X	5205	GHV-45FM,48FM,51FM	5273	685-2291,2292	5091	HR-3309	5091	VR-2040AT01	5017	VR-9528AT01	5015		
		ICVP-3024	5205	GHV-5200,5210M	5273	685-5012	5211	HR-D1610UM	5172	VR-2042AT01	5017	VR-9530AT01	5015		
		ICVP-4022X	5205	GHV-5220M	5275	686-5010,5011,5012	5211	HR-D1620U,1640U	5172	VR-3010AT01	5091	VR-9535AT01	5015		
		ICVP-5435WQ	5252	GHV-5300M	5276	686-5013,5015,5016	5211	HR-D1670U	5172	VR-3210AT01	5091	VR-9545AT01	5015		
		ICVP-6020X	5205	GHV-55FM,57FM	5273	686-5019	5205	HR-D170U	5172	VR-3213AT01	5091	VR-9547AT01	5015		
		ICVR-3000X	5241	GHV-9000M	5278	686-5020,5021	5211	HR-D173U	5172	VR-3223AT01	5091	VR-9550AT01	5016		
		ICVT-600	5205	GHV-9002,9012	5275	686-5029	5241	HR-D180U	5226	VR-3235AT01	5046	VR-9555AT01	5016		
		ICVT-610	5211	GHV-9100	5275	686-5030,5032	5205	HR-D183U	5171	VR-3310AT01	5046	VR-9558AT01	5039		
FISHER		ICVT-615	5252	GHVM-1520D	5275	686-5037,5038	5252	HR-D183U	5171	VR-3330AT01	5470	VR-9560AT01	5039		
		ICVT-620	5271	GVP-A215,A225,A235	5276	686-5041	5205	HR-D190U	5226	VR-3410	5471	VR-9565AT01	5039		
		ICVT-625	5252	GVP-B115,B125,B135	5270	686-5042	5252	HR-D190U	5226	VR-3410	5471	VR-9602AT01	5044		
		ICVR-1004	5205	GVP-C125,C135	5270	686-5050	5205	HR-D200U,210U,217U	5220	VR-3510AT21	5471	VR-9610AT01	5044		
		ICVR-3000,3010X	5241	GVRA-215,225	5276	686-5052,5053,5054	5277	HR-D3050U	5220	VR-3540AT01	5470	VR-9614AT01	5044		
		ICVR-4002X	5205	GVRA-235	5276	686-5060	5271	HR-D310U,320U,350U	5220	VR-4605AT01	5017	VR-9614AT01	5044		
		ICVR-4012X,4016X	5252	GVRA-245	5276	686-5061	5241	HR-D360	5226	VR-6415AT01	5017	VR-9620AT01	5044		
		ICVR-4021	5205	GVRA-465	5278	686-5065	5273	HR-D370U	5173	VR-6495AT01	5017	VR-9622AT01	5044		
		ICVR-5002X,5003X	5205	GVRB-235,245	5270	686-5066	5295	HR-D400U	5220	VR-8118GY01	5271	VR-9624AT01	5045		
		ICVR-5004X,5010X	5205	GVRB-455,465	5278	686-5067,5069,5070	5424	HR-D4050U	5220	VR-8306BK01	5211	VR-9625AT01	5045		
FUNAI		ICVR-5011X,5014X	5277	GVRD-235,245	5270	686-5071	5295	HR-D410U	5220	VR-8310BK01	5211	VR-9630AT01	5045		
		ICVR-6002X,6003X	5044	GVRD-455,467	5278	686-5072	5606	HR-D440,450U	5171	VR-8315BK01	5211	VR-9640AT01	5046		
		ICVR-6004X,6010X	5044	GVRD-465,468	5278	686-5073	5277	HR-D470U	5171	VR-8316BK01	5211	VR-9642AT01	5046		
		ICVR-6011B,6011X	5277	GVT-9100M	5273	686-5074,5075	5097	HR-D0500U	5220	VR-8318BK01	5211	VR-9644AT01	5046		
		ICVR-6012X	5044	KMV-2102A	5273	686-5077,5078	5097	HR-D515U,520U	5220	VR-8320BK01	5211	VR-9652AT01	5016		
		ICVR-6014X	5097	KMV-9002,9012	5275	686-5086	5271	HR-D530U	5171	VR-8320BK02	5211	VR-9654AT01	5046		
		ICVR-6015X	5277	KMV-9050A	5276	686-5110,5111	5285	HR-D5450U	5172	VR-8325BK01	5211	VR-9655AT01	5046		
		ICVR-6018X	5097	RG-10M,22M	5276	686-5115,5116	5281	HR-D540U,550U	5220	VR-8330BK01	5211	VR-9664AT01	5049		
		VG-2001	5112	RG-90M	5278	686-6000,6006,6009	5275	HR-D555U,565U,566U	5174	VR-8335BK01	5211	VR-9670AT01	5049		
		VG-2003	5044	VCP-100M,105M,106M	5276	686-6011	5091	HR-D570U	5171	VR-8366BK01	5271	VR-9680AT01	5049		
HITACHI		VG-2007	5112	VCP-200M	5276	686-6012,6013	5046	HR-D606U,602U,610U	5172	VR-8367BK01	5271	VR-9700AT01	5091		
		VG-2009	5471	VCP-400M,4100M	5273	686-6024	5275	HR-D620U	5172	VR-8380BK01	5205	VR-9710AT01	5091		
		VG-2010	5112	VCP-410M	5273	686-6047	5276	HR-D656U	5174	VR-8382BK01	5205	VR-9720AT01	5091		
		VG-2011,2011A,2013	5471	VCP-4110	5275	686-6050,6051	5275	HR-D660U,670U,680U	5172	VR-8400BK01	5205	VR-9722AT01	5091		
		VG-2014	5471	VCP-4130M	5276	686-6052	5091	HR-D7000U	5171	VR-8402BK01	5205	VR-9725AT01	5091		
		VG-2016	5112	VCP-4150	5273	686-6053	5046	HR-D700U	5226	VR-8405BK01	5271	VR-9730AT01	5123		
		VG-2020	5471	VCP-4200M	5276	686-6054	5273	HR-D720U	5172	VR-8408BK01	5271	VR-9740AT01	5093		
		VG-4001	5046	VCP-4201M	5276	686-6055,6058,6059	5046	HR-D725U	5174	VR-8415BK01	5271	VR-9745AT01	5093		
		VG-4005	5114	VCP-4205,4206M	5276	686-6064	5044	HR-D730U,740U	5172	VR-8416BK01	5271	VR-9750AT01	5093		
		VG-4009	5093	VCP-4216M	5270	686-6069	5246	HR-D750U	5171	VR-8418BK01	5271	VR-9760AT01	5049		
JENSEN Call For Models		VG-4010,4013	5470	VCR-1000	5273	686-6071	5015	HR-D756U	5174	VR-8420BK01	5205	VR-9815AT01	5091		
		VG-4014,4016	5114			686-6072	5247	HR-D760U	5173	VR-8425BK01	5277	VR-9817AT01	5091		
		VG-4019	5114	HITACHI		686-6073	5016	HR-D780U	5172	VR-8430BK01	5252	VR-9820AT01	5091		
		VG-4020,4021	5470	20VR1B	5271	686-6074,6075	5039	HR-D820U	5172	VR-8435BK01	5277	VR-9822AT01	5091		
		VG-4025,4029	5114	VT-1100R	5246	686-6079	5295	HR-D830U,840U,850U	5171	VR-8440BK01	5252	VR-9825AT01	5091		
		VG-4032	5470	VT-1100AAR	5246	686-6080	5701	HR-D860U,865U,870U	5171	VR-8450BK01	5205	VR-9837AT01	5093		
		VG-4103A,1110A	5515	VT-1035A,1110A	5246	686-6081	5246	HR-D875U,910U,920U	5171	VR-8451BK01	5252	VR-9840AT01	5093		
		VG-4200,4202	5049	VT-11AR	5241	686-6085	5333	HR-D930U,940U	5171	VR-8461BK01	5252	VR-9840AT02	5093		
		VG-4218,4219	5374	VT-1200A	5246	686-6087	5046	HR-D990U	5171	VR-8462BK01	5252	VR-9845AT02	5093		

Video Head Cross Reference

Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#	Model #	Order#
VR-996AT01	5017	PV-1470,1490	5211	VH-5042KXQ	5205	VLT-250,260,270,275	5424	564.5329,3750	5246	VC-53Z	5121	Call For Models	
VR-M132AT01	5471	PV-1520	5252	VH-5043XQ	5205	VLT-300,375,385,386	5424	564.5333,0650	5331	VC-563U	5120		
VT-230AT01	5471	PV-1525,1530,1531	5277	VH-5045XQ	5205	VLT-387,388,395	5424	564.5333,6650	5331	VC-5640U	5101		
MARANTZ MEMOREX MINOLTA		PV-1535,1540	5277	VH-5050XQ	5205	T-20000BK	5471	564.5334,0550	5603	VC-579	5101		
		PV-1545	5097	VH-5051YQ	5205	VMT-285,290,295,296	5246	564.5334,1551	5331	VC-581U	5121	A-200	5358
		PV-1550	5211	VH-5060XQ	5015	VMT-297,298	5246	564.5334,2650	5331	VC-581U	5121	A-2200,2300,2400	5358
Call For Models		PV-1560,1561,1562	5016	VH-5061YQ	5015	VMT-300,381,383,385	5247	564.5334,2650	5331	VC-5820U	5121	AH-350	5354
		PV-1563	5016	VH-5075W	5049	VMT-385A,389,390	5247	564.5339,0650	5331	VC-582U	5121	AV-729	5358
		PV-1564	5039	VH-5120UW	5211	VMT-391,392,393,395	5247	564.5339,1650	5331	VC-583U	5121	DX-3C	5358
MITSUBISHI		PV-1565	5016	VH-5125UW	5211	VMT-400	5122	564.5340,0450	5603	VC-583U,584U	5121	DX-32	5358
		PV-1566,1567	5039	VH-5135WQ	5271	VPT-2090	5122	564.5344,3850	5509	VC-6608U,6610U	5101	DX-400,C	5358
		PV-1590,1593	5016	VH-5140XQ	5271	VPT-200	5122	564.5344,4950	5509	VC-6630U	5101	DX-455	5358
HS-3281UR,3283UR	5008	PV-1595	5277	VH-5141XQ	5271	VPT-250,289,290,291	5246	564.5347,3850	5508	VC-6700U	5121	DX-7C	5372
HS-328UR,3345UR	5008	PV-1620	5252	VH-5142W	5252	VPT-292,293,294,295	5246	564.5347,4950	5508	VC-6700U	5121	DX-800,800C	5372
HS-3371UR,3372UR	5008	PV-1630	5277	VH-5145XQ	5295	VPT-296	5246	564.5347,5090	5508	VC-6730,6820	5121	DX-900,C	5372
HS-3373UR	5008	PV-1640	5097	VH-5151RW	5295	VPT-385,387,390,391	5247	564.5348,1850	5509	VC-682U	5121	M-120	5358
HS-3393UR	5010	PV-1642	5039	VH-5152YQ	5295	VPT-392,393	5246	564.5348,2950	5509	VC-6830,6833	5121	M-1283,1287,1287C	5358
HS-339UR	5010	PV-1643T	5097	VH-5153YQ	5295	VPT-394	5246	564.5348,0650	5331	VC-683U	5121	M-210	5358
HS-3445UR	5008	PV-1700	5044	VH-5154YQ	5295	VPT-395,396,397,398	5247	564.5349,0650	5331	VC-6840U	5121	M-2100C/R/RC/RL	5358
HS-346UR	5008	PV-1720	5252	VH-5156YQ	5295	VPT-490,495,595	5247	580.5326,5090	5276	VC-6846UB,6846US	5121	M-2104,2120,2120C	5358
HS-3471UR,3472UR	5008	PV-1740	5097	VH-5157YQ	5295	VR-250	5122	580.5327,2850	5275	VC-6847US	5121	M-2124,2130,2134	5358
HS-3473UR	5008	PV-1742	5039	VH-5158W	5295	VR-270,271,273,275	5246	580.5327,3950	5275	VC-684U	5121	M-221,222	5112
HS-347UR,348UR	5008	PV-1750	5215	VH-5162YQ	5015	VR-280,285,290	5122	580.5328,7750	5275	VC-6850U	5121	M-2200,2220,2230	5358
HS-4111UR,4112UR	5011	PV-1770	5215	VH-5163XQ	5015	VR-291,293	5246	580.5329,5750	5275	VC-685U	5121	M-226,228	5112
HS-4113UR	5011	PV-1800	5091	VH-5164W	5015	VR-295	5122	580.5329,7750	5275	VC-686U	5101	M-2283,2287,2300	5358
HS-411UR,412UR	5011	PV-2000K,2003,2003K	5091	VH-5165XQ	5015	VR-300,301,319,320	5122	580.5329,7850	5275	VC-686U,687U	5101	M-2320,2330	5358
HS-413UR,421UR	5011	PV-2004	5091	VH-5168XQ	5015	VR-330	5122	580.5331,7850	5275	VC-75U	5121	M-240	5358
HS-422UR	5011	PV-2008	5046	VH-5169XQ	5015	VR-334	5471	580.5332,4950	5275	VC-7842U,7843U	5121	M-2400,2420,2430	5358
HS-U20,U28,U30,U31	5010	PV-2012,2015S,2028	5091	VH-5180W	5091	VR-335	5122	580.5332,5950	5275	VC-7844U,7846U	5121	M-249	5112
HS-U32,U34,U35	5010	PV-2101,2110,2201	5471	VH-5210TW	5211	VR-340,341,343	5246	580.5332,6090	5276	VC-7854U,7855U	5121	M-2900,3280,3285	5358
HS-U40,U50,U51,U52	5011	PV-2301	5471	VH-5216TW	5016	VR-345	5112	580.5332,7100	5276	VC-785U	5121	M-3430,3440	5358
HS-U54,U56,U58	5011	PV-2603	5091	VH-5230WQ	5252	VR-430	5246	580.5332,7100	5276	VC-785U	5121	M-4285	5358
HV-F403KK	5011	PV-2700B/G/R/W	5044	VH-5235WQ	5252	VR-450,451,452,470	5684	580.5336,4950	5275	VC-7864U	5121	M-4430	5359
HV-F405KA	5011	PV-2720	5044	VH-5245XW	5277	VR-475,480,490,495	5684	580.5347,1750	5275	VC-787U	5101	MM-459,469	5683
MONTGOMERY WARD MULTI-TECH NEC OLYMPUS		PV-2800B,2801G	5091	VH-5246XQ	5277	VR-500	5114	580.5347,2850	5275	VC-797U	5101	M-5150	5358
		PV-2802,2803,2805	5091	VH-5251YQ	5277	VR-501	5470	580.5348,4190	5615	VC-797U	5101	M-5900,5910	5372
		PV-2812,2820,2822	5091	VH-5254YQ	5277	VR-505,506,510	5093	934.5313,0250	5241	VC-798U	5121	M-6000,6002,6003	5358
Call For Models		PV-2850,2900,2903	5091	VH-5256YE	5277	VR-511	5093	934.5313,1350	5241	VC-799U	5101	M-6005,6007,6030	5358
		PV-2904,2905,2912	5091	VH-5260YQ	5016	VR-512	CALL	934.5316,0350	5241	VC-799U	5101	M-6032,6035,6050	5358
		PV-3700,3720	5045	VH-5261W	5016	VR-515	CALL	934.5316,0350	5241	VC-9400,9500	5120	M-6052,6055	5358
PANASONIC		PV-3720B,3770,3801K	5045	VH-5262YQ	5016	VR-520,521,523	5684	934.5316,1550	5241	VC-98Z	5121	M-6100	5122
		PV-3900	5045	VH-5268YQ	5016	VR-526A	5114	934.5316,1550	5241	VC-A102,A103U	5121	M-6200,6230,6235	5358
		PV-4008	5277	VH-5270YQ	5044	VR-533	5689	934.5328,1550	5424	VC-A201U,205U,206U	5121	M-6250,6255,6270	5358
AG-1000,1000B/R	5123	PV-4025S	5046	VH-5280YQ	5091	VR-537HF	5114	934.5328,1551	5424	VC-A201U,210U,220U	5121	M-6275	5358
AG-1050,1100,1150	5123	PV-4060,4061,4062	5289	VH-5290TW	5091	VR-620HF	5049	934.5328,6550	5424	VC-A2220	5121	M-63	5374
AG-1200,1210	5123	PV-4063,4064,4065	5289	VH-5291YE	5091	VR-671HF	5049	934.5328,6551	5424	VC-A230U	5121	M-641	5372
AG-1240,1250	5046	PV-4066,4068,4069	5289	VH-5310TW	5211	VR-675HF	5688	934.5329,0651	5246	VC-A250U	5121	M-642	5374
AG-1260,1270	5470	PV-4101,4103,4108	5470	VH-5310TW	5211	VT-630A	5424	934.5329,0650	5246	VC-A25U,A26U	5121	M-6430,6435,6450	5358
AG-1800,1810	5197	PV-4110,4114,4115	5470	VH-5335WQ	5252	REALISTIC		934.5329,2650	5246	VC-A303U	5121	M-6455	5358
AG-2000	5123	PV-4120	5470	VH-5370WQ	5252	Call For Models		934.5329,3750	5246	VC-A45U,A46U,A47U	5101	M-647	5374
AG-2030	5252	PV-4125	5471	VH-5371UW	5045	SAMSUNG		934.5329,8750	5246	VC-A500U	5101	M-6500,6500C	5358
AG-201	5471	PV-4127	5470	VH-5372W	5045	CX-A1316B	5112	934.5330,0450	5241	VC-A50U	5101	M-651,652	5374
AG-2520	5017	PV-4201,4208,4210	5470	VH-5378WQ	5045	VM-3105	5112	934.5330,3551	5424	VC-A50U	5101	M-6550	5358
AG-500R	5123	PV-4214,4215,4225	5470	VH-5378UW	5045	VM-6003	5122	934.5330,3551	5424	VC-A506U,A504U	5101	M-6555	5358
AG-5100	5197	PV-4301,4303,4308	5470	VH-5380YQ	5045	VM-6405	5122	934.5331,0651	5246	VC-A520U,A5210U	5121	M-657,658,659	5374
AG-513	CALL	PV-4311,4314,4315S	5470	VH-5390YQ	5045	VM-7003	5122	934.5331,1651	5246	VC-A520U,A5230U	5121	M-9485	5372
AG-520	CALL	PV-4325S	5470	VH-5435WQ	5252	VP-2090,2210,2215	5122	934.5331,1651	5246	VC-A5240U,5250U	5121	SV-771	5374
AG-6024,6024DCP	5017	PV-4700,4720,4722	5046	VH-5470YQ	5046	VP-2300	5122	934.5331,2650	5246	VC-A551U	5101	SVR-120,120C	5358
AG-6800,6810	5190	PV-4750	5046	VH-5471YE	5046	VP-2303	5112	934.5331,2650	5246	VC-A5640U,5650U	5101	V-1000C,1200C	5358
AG-6810S	5190	PV-4760,4761,4767	5049	VH-5477WQ	5046	VP-2309,2390,2395	5122	934.5331,3651	5246	VC-5630U	5121	V-C2190	5358
AG-8160	5016	PV-4770	5046	VH-5480YQ	5093	VP-2500,2503	5112	934.5331,8750	5246	VC-A5611U	5101	VRT-169	5358
HV-773	5205	PV-4780	5049	VH-5485K	5049	VP-2509	5122	934.5332,0450	5241	VC-A5644U	5101	VRT-78,79,88,95	5358
KV-740	5271	PV-4800,4812,4820	5093	VH-5488WQ	5093	VR-1000,2000,2310	5122	934.5332,0550	5241	VC-A600U,601U,607U	5101	Z-2006C	5358
NV-100	5271	PV-4822,4826,4850	5093	VH-5490YQ	5093	VR-2400,2410,2430	5122	934.5332,1450	5241	VC-A600U,601U,607U	5101	TOTEVISION XR-1000	
NV-1123	5271	PV-4852	5093	VH-5495E	5049	VR-2500,2600,2610	5122	934.5332,3550	5424	VC-A75U	5121	Call For Models	
NV-1220	5211	PV-4880,4862,4863	5049	VH-5635W	5252	VR-2640,2650,2670	5122	934.5332,3551	5424	VC-D800U	5121		
NV-260,270	5123	PV-4870,4900K,4903	5093	VH-5665UW	5049	VR-2680,2690,3000	5122	934.5334,3650	5246	VC-G960U	5121		
NV-3000	5211	PV-4904	5093	VH-5675TW	5049	VR-3300,3301	5112	934.5335,0050	5246	VC-G980U	5125	ZENITH	
NV-310	5211	PV-4905	5093	VH-5685YE	5049	VR-3309,3319,3509	5122	934.5335,0050	5246	VC-H75U	5125	VR-1810,1810-1	5220
NV-320	5252	PV-4920,4926	5093	VH-5865UW	5039	VR-3519,3525,3529	5122	934.5335,0651	5246	VC-H857U,H860U	5125	VR-2000	5175
NV-3200,3300,3500	5211	PV-4941	5049	VH-5875YQ	5049	VR-3602,3603,3700	5112	934.5335,1650	5246	VC-H87U	5125	VR-2210,2218	5276
NV-3700	5211	PV-4950	5046	VH-6200YE	5091	VR-3702,3703,3710	5112	934.5335,0550	5424	VC-H870U,890U,903U	5125	VR-2220,2225,2230	5173

Popular VCR Parts

Capstan Bearing Repair Kit

Saves up to 80% of the cost of new capstan motors. Fits most popular brands, including Emerson, Fisher, Goldstar, Sharp, RCA, GE, Magnavox, others. Complete instructions included.

Tool/Bearing: #70-500 **\$7.99**

Bearing 3 Pack: #70-501 **\$7.99**



VCR Rubber Bumper

Common replacement on low end VCRs. Often solves no FF/RW problems.

#70-400 **29¢**(10up) 39¢(1-9)



RCA UP/Down Switch

Popular switch used in front loading VCRs. RCA VCT-375, VCT-385, VJT-275, VKT-385, VMT-385, VPT-385, and many others.

#66-245 **\$1.95**(10up) \$2.50(1-9)



TV/VCR Power Switch

Common replacement. Zenith# 85-1707-03

#66-246 **\$3.69**(10up) \$3.89(1-9)



Tact Switches

Used on VCR/TV control panels. Momentary contact.

69¢ each

Horizontal
#45-221

Vertical
#45-220



DC to DC Kits

Correct 'dead clock display' on many RCA and Hitachi VCRs. Include caps and IC protector. Capacitors- 100uf at 50v IC Protector- ICP-N5

#163818/5262063 **\$7.99**

#7021512 **\$7.99**

#5261311 **\$8.99**



Panasonic Tension Band

OEM# VXZ-0129

#66-241 **\$3.99**



Tension Band Kit

1 each of 5 popular tension bands.

#KIT54 **\$17.95**



IC Protectors

Order#

ICP-F10

ICP-F15

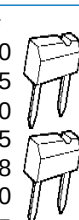
ICP-F20

ICP-F25

ICP-F38

ICP-F50

ICP-F75



Order#

ICP-N5

ICP-N10

ICP-N15

ICP-N20

ICP-N25

ICP-N38

ICP-N50

ICP-N75



69¢(10up) 75¢(1-9)

Camcorder Batteries



Order#	Brand	Battery #	Rating	Price
33-100	Canon	BP-E22	6V, 1700MAH	\$32.95
33-102A	Canon	BP-E77	6V, 2000MAH	\$32.95
33-134	Hitachi	Twist & Shoot	6V, 1800MAH	\$37.95
33-103	JVC	C7	9.6V, 1600MAH	\$34.95
33-105	JVC	Grip Type	9.6V, 1400MAH	\$38.95
33-109	Panasonic	BP-80, BP-88	12V, 2300MAH	\$32.95
33-110	Panasonic	2012D, BP-50	12V, 2000MAH	\$34.95
33-111	Panasonic	2012P	12V, 2300MAH	\$45.95
33-113	Panasonic	PVBP-15, 17	6V, 2400MAH	\$45.95
33-126	Panasonic	2012B	12V, 2000MAH	\$52.95
33-114	RCA	CB-120	12V, 1500MAH	\$39.95
33-115	RCA/Hitachi	VHS	9.6V, 1500MAH	\$38.95
33-116	RCA/Hitachi		10V, 2000MAH	\$39.95
33-118	RCA/Hitachi	8mm	6V, 2000MAH	\$36.95
33-119	RCA/Hitachi	VMP-51, 52	12V, 1500MAH	\$41.95
33-127	RCA/Hitachi	VHS	10V, 2000MAH	\$41.95
33-120	Sharp	BT-73	9.6V, 1000MAH	\$42.95
33-121	Sharp	BT-21, 22	12V, 2000MAH	\$47.95
33-128	Sharp	BT-30	6V, 3500MAH	\$39.95
33-122	Sony	NP-22	6V, 1500MAH	\$21.95
33-123	Sony	NP-55	6V, 1200MAH	\$24.95
33-125A	Sony	NP-77, 66, 77H	6V, 2400MAH	\$44.95

9.6V, 10V, 12V Charger

AC/DC operation capable. 2-3 hour charge time. Extra plate for additional units.

Order #33-501 **\$49.95**



4.8V or 6V Battery Charger

AC/DC operation capable. 1-2 hour charge time. Full LED readout, safety monitoring.

Order #33-503 **\$34.95**



"Any Battery" Charger

Charges camcorder, cellular, laptop, notebook, power tool, remote control toys & more!

Range: 4.8v to 12v.

Order #33-500 **\$79.95**



If you don't see your battery, call with make and model.

Cordless Telephone Batteries

A) 3.6V 280mAh Stack Solder

Order #35-010 **\$3.19**

B) 3.6V 280mAh Stack Mitsumi

Order #35-020 **\$3.75**

C) 3.6V 280mAh Stack Molex

Order #35-030 **\$3.75**

D) 3.6V 280mAh Clover Solder

Order #35-110 **\$3.19**



Stack
Type



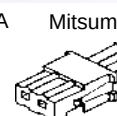
Clover
Type



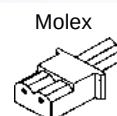
3xAA
Type



3x2/3AA
Type



Mitsumi



Molex



JST

E) 3.6V 280mAh Clover Mitsumi

Order #35-120 **\$3.75**

F) 3.6V 280mAh Clover Molex

Order #35-130 **\$3.75**

G) 3.6V 600mAh 3xAA Solder

Order #35-210 **\$4.25**

H) 3.6V 600mAh 3xAA Mitsumi

Order #35-220 **\$4.50**

I) 3.6V 600mAh 3xAA Molex

Order #35-230 **\$4.50**

J) 3.6V 300mAh 3x2/3 AA Solder

Order #35-310 **\$3.75**

K) 3.6V 300mAh 3x2/3 AA Mitsumi

Order #35-320 **\$4.25**

L) 3.6V 300mAh 3x2/3 AA Molex

Order #35-330 **\$4.25**

M) 3.6V 300mAh 3x2/3 AA JST

Order #35-340 **\$4.25**

Idler/Gear Assemblies



Akai	
1. #66-161	BL-B-353110
\$3.09 (10up)	\$3.39 (1-9)
Daewoo	
2. #66-155	9TSA507200
\$4.89 (10up)	\$5.29 (1-9)
Emerson/Mitsubishi	
3. #66-151	522B01701
\$3.39 (10up)	\$3.69 (1-9)
4. #66-139	522P00201
\$8.49 (10up)	\$8.99 (1-9)
5. #66-150	522B02002
\$3.29 (10up)	\$3.79 (1-9)
6. #66-156	850A200005
\$4.69 (10up)	\$5.29 (1-9)
7. #66-157	850A200004
\$3.49 (10up)	\$3.89 (1-9)
8. #66-154	522B01801
\$3.19 (10up)	\$3.69 (1-9)
9. #66-200	641B093010
\$1.69 (10up)	\$1.99 (1-9)
10. #66-210	641B094010
\$1.69 (10up)	\$1.99 (1-9)
11. #66-220	641D710010
\$1.69 (10up)	\$1.99 (1-9)

Emerson/Mitsubishi	
12. #66-230	641D710010
\$1.69 (10up)	\$1.99 (1-9)
Fisher/Sanyo	
13. #66-236	6130222534
\$6.99 (10up)	\$7.99 (1-9)
14. #66-171	1430662T01201
\$1.29 (10up)	\$1.89 (1-9)
15. #66-172	1430662T01202
\$4.29 (10up)	\$4.99 (1-9)
16. #66-130	1430420400700
\$4.29 (10up)	\$4.79 (1-9)
17. #66-111	1430490400900
\$1.99 (10up)	\$2.49 (1-9)
18. #66-140	1430490402400
\$4.59 (10up)	\$4.99 (1-9)
19. #66-173	1430662T10350
\$4.29 (10up)	\$4.99 (1-9)
20. #66-174	1430741T20001
\$1.99 (10up)	\$2.49 (1-9)
21. #66-176	1430662T15620
\$3.49 (10up)	\$4.29 (1-9)
22. #66-109	1430420400400
\$2.99 (10up)	\$3.49 (1-9)

Funai/Goldstar	
23. #66-138	800012304
\$2.49 (10up)	\$2.99 (1-9)
24. #66-163	435-038
\$3.19 (10up)	\$3.49 (1-9)
25. #66-235	433-015A
\$1.29 (10up)	\$1.89 (1-9)
JVC	
26. #66-168	PU46381
\$2.49 (10up)	\$2.99 (1-9)
27. #66-169	PU47752
\$3.99 (10up)	\$4.39 (1-9)
28. #66-153	PU58645-1-4
\$4.19 (10up)	\$4.49 (1-9)
NEC	
29. #66-132	161-808-01
\$3.59 (10up)	\$3.99 (1-9)
Panasonic	
30. #66-108	VXP0521
\$1.75 (10up)	\$1.95 (1-9)
31. #66-165	VXP0343
\$5.99 (10up)	\$6.39 (1-9)
32. #66-164	VXL0997
\$5.99 (10up)	\$6.39 (1-9)

Panasonic	
33. #66-152	VXLS0454
\$3.99 (10up)	\$4.39 (1-9)
34. #66-158	VXP0523
\$6.25 (10up)	\$6.75 (1-9)
35. #66-162	VXP0463
\$3.99 (10up)	\$4.49 (1-9)
36. #66-122	VXP0329
\$7.99 (10up)	\$9.99 (1-9)
37. #66-123	VXP0344
\$7.99 (10up)	\$9.99 (1-9)
38. #66-125	VXP0401
\$7.99 (10up)	\$9.99 (1-9)
RCA/Hitachi	
39. #66-107	164113
\$1.75 (10up)	\$1.95 (1-9)
40. #66-137	177194
\$3.99 (10up)	\$4.39 (1-9)
41. #66-159	6897095
\$2.59 (10up)	\$2.89 (1-9)
42. #66-133	150614
\$1.99 (10up)	\$2.49 (1-9)
43. #66-131	158190
\$5.99 (10up)	\$6.49 (1-9)
44. #66-204	164089
\$9.89 (10up)	\$10.89 (1-9)

RCA/Hitachi/Samsung	
45. #66-167	6413114
\$2.49 (10up)	\$2.99 (1-9)
46. #66-170	150650
\$1.99 (10up)	\$2.39 (1-9)
47. #66-113	9000250308V
\$3.99 (10up)	\$4.29 (1-9)
48. #66-166	60526003101V
\$6.25 (10up)	\$6.75 (1-9)
Sharp	
49. #66-127	NPLYV0103
\$8.99 (10up)	\$9.99 (1-9)
50. #66-105	NIDL0005GEZZ
\$5.50 (10up)	\$1.00 (1-9)
51. #66-106	NIDL0006GEZZ
\$1.75 (10up)	\$1.95 (1-9)
52. #66-117	NPLY0051
\$1.99 (10up)	\$2.49 (1-9)
Sony	
53. #66-128	X36533150
\$7.99 (10up)	\$9.99 (1-9)
Toshiba	
54. #66-110	70326538
\$3.89 (10up)	\$4.39 (1-9)

Idler Assortment Kits

Popular Idler Kit

This kit contains 1 each of 10 popular idlers in a plastic storage case. Includes RCA, Sharp, Panasonic, Fisher, Emerson, Goldstar, NEC. Order# KIT5A **\$24.95**



Popular Idler Wheel Kit

This kit contains 10 popular wheel idlers common on older VCRs. Includes wheels to fit Panasonic, Goldstar, Sony, more. Order# KIT5B **\$6.99**

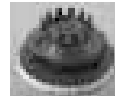
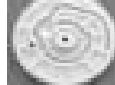
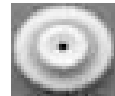
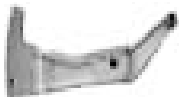
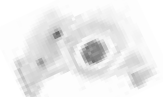
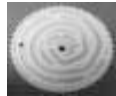


Idler Assortment Kit

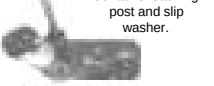
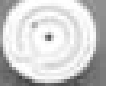
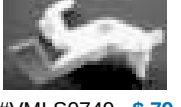
This kit contains 10 assorted idlers from this page, as well as others not listed. Includes RCA, Panasonic, Fisher, JVC, Sharp, more. Order# KIT5C **\$8.99**



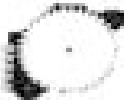
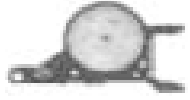
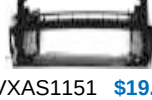
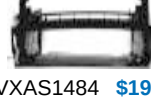
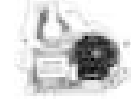
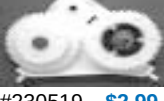
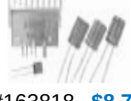
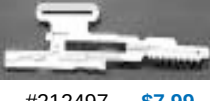
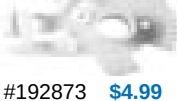
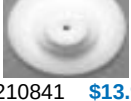
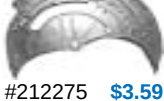
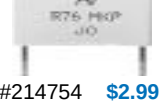
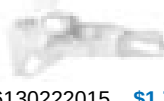
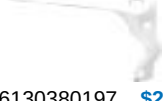
Original Parts

Daewoo Clutch  #97SA387600 \$5.00	Emerson/Sharp Post Limit Post 850A600039  #850A600039 \$6.99	Emerson Mode Switch  #0520244002 \$3.99	Emerson Mode Switch  #0520244003 \$3.99	Emerson Clutch  #850A200049 \$6.99	Emerson Clutch  #850A200050 \$6.99
Emerson Idler  #850A200051 \$4.25	Goldstar Post  #435-450A \$3.29	Goldstar/Zenith Zenith 812-2029-02  #321-397D \$5.99	Goldstar Gear  #374-005A \$2.19	Goldstar Gear  #374-003A \$2.19	Goldstar Lever  #333-201B \$1.69
Goldstar Gear  #433-007A \$3.29	Goldstar Gear  #435-132A \$3.29	Goldstar Assembly  #321-223A \$16.50	Goldstar Assembly  #321-369A \$16.95	Goldstar Assembly  #321-232A \$16.95	Goldstar Assembly  #321-218A \$15.95
Goldstar Idler  #386-139A \$3.99	Goldstar Roller  #333-209B \$12.50	Goldstar Mode Switch  #556-133A \$4.19	Goldstar Clutch  #337-005A \$3.29	Goldstar Mode Switch  #556-085B \$5.99	Goldstar Arm  #386-387B \$4.50
Goldstar/Zenith Gear  #435-291A \$2.39	Goldstar/Zenith Gear  #435-318A \$2.39	Goldstar Gear  #435-169A \$1.49	Goldstar Arm  #435-257B \$5.29	Goldstar Gear  #435-134A \$4.50	Goldstar Idler  #435-148A \$2.29
Goldstar Lever  #437-004A \$2.39	Goldstar Gear  #435-130A \$1.39	Goldstar Arm  #386-296C \$4.75	Goldstar Assembly  #321-149 \$19.95	Goldstar Idler  #431-021A \$5.75	Goldstar Worm Gear  #433-023A \$2.99
Goldstar Lever  #333-208A \$3.29	Goldstar Lever  #386-192A \$3.29	Goldstar Brake  #338-078A \$9.99	Goldstar Assembly  #414-104A \$15.99	Goldstar Cap Motor  #414-121A \$19.95	Goldstar Gear  #432-036A \$3.99
Goldstar Clutch  #435-038A \$3.99	Goldstar Gear  #435-042A/B \$1.69	Goldstar Worm Assy.  #435-054A \$1.99	Goldstar Load Assy.  #435-107B \$1.39	Goldstar Load Gear  #435-234A \$1.09	Goldstar Gear  #435-239A \$1.39
Hitachi Load Block  #7468854 \$16.99	Hitachi Gear Block  #6804982 \$13.75	Hitachi Gear Block  #6807981 \$7.25	Hitachi Gear Assy.  #4589373 \$12.50	Hitachi Belt/Pulley Kit  #4589074 \$14.99	Hitachi Arm  #6823663 \$6.75
Hitachi Arm  #7580791/2 \$6.50	Hitachi Gear Assy.  #6401043 \$1.99	Hitachi Clutch  #6405183 \$5.00	Hitachi Clutch  #6405191 \$5.00	Hitachi Worm Wheel  #68969/1 \$2.19	Hitachi Gear  #6897265 \$1.99
Hitachi DC-DC Kit  #5261311 \$8.99 #5262063 \$7.99 #7021512 \$7.99	Hitachi DC-DC Kit  #5262081 \$7.99	JVC Gear  #PQ43567 \$4.19	JVC Plate  #PQ43555 \$5.99	JVC Plate  #PQ44326A-3 \$4.99	JVC Plate  #PQ44581B \$4.99

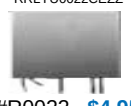
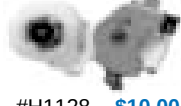
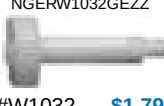
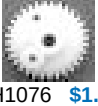
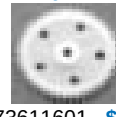
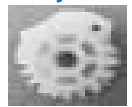
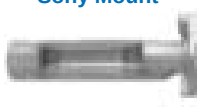
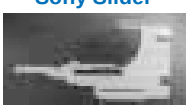
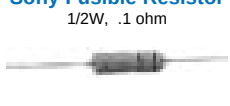
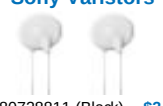
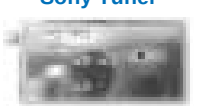
Original Parts

JVC Clutch  #PU60953-1-1 \$6.50	JVC Clutch  #PU61005-1-6 \$9.50	JVC Clutch  #PU61245-1-3 \$9.50	JVC Gear Assembly  #PU60618-1-3 \$9.00	JVC Gear Assembly  #PU61004-1-3 \$5.49	JVC Idler Gear  #PU61246-1-5 \$8.25
JVC Gear Zenith 834-163  #PQ30028 \$1.19	JVC Gear Zenith 834-159  #PQ40059 \$.49	JVC Gear Zenith 834-160  #PQ40060 \$.49	JVC Gear Zenith 834-164-01  #PQ40066 \$.79	JVC Gear Zenith 834-165-01  #PQ40067 \$.49	JVC Gear Zenith 917-694  #PQ40074 \$1.09
JVC Gear  #PQ43542 \$3.19	JVC Load Arm  #PQ43537B \$2.59	JVC Load Arm  #PQ46337A-7 \$2.59	JVC Gear  #PQ43570B \$5.79	JVC T Arm Lever  #PQ35012-1-5 \$1.19	JVC T Arm Lever  #PQ46325 \$3.99
JVC Gear  #PQ43583 \$.99	JVC Capstan Motor  #PU61003-1-2 \$42.00	JVC Cam Gear  #PQ32413-1-6 \$2.59	JVC Cam Gear  #PQ20822-2-7 \$1.39	JVC Lever Assy.  #PQ46342B/A6 \$4.99	JVC Gear Set  #PTU96031 \$3.79
JVC Clutch  #YU40624-1-1 \$5.99	JVC Clutch  #YU41459-1-2 \$5.99	JVC Control Plate  #PQ11658-1-15 \$3.99	JVC Switch  #PU60622-1-2 \$4.29	JVC Switch  #PU61247-1-1 \$3.75	JVC Switch  #PU60973-1-1 \$3.99
JVC Switch  #PU58642 \$3.99	JVC Guide Post  #PU60556-2-2 \$9.00	JVC Pole Base (S)  #PU61151-2-7 \$13.00	JVC Pole Base (T)  #PU61103-2-7 \$14.00	JVC Guide Post Kit Contains retaining post and slip washer.  #PTU96102E \$15.00	JVC Guide Post Kit Contains retaining post and slip washer.  #PTU96103E \$15.00
JVC Guide Post  #PGZ01143 \$9.00	Mitsubishi Gear Sector Gear 641C803010  #66-509 \$2.29	Panasonic Gear  #VXPS0310 \$1.59	Panasonic Gear  #VDGS0245 \$.79	Panasonic Gear  #VDGS0251 \$.79	Panasonic Gear  #VDGS0191 \$.79
Panasonic Gear  #VDGS0137 \$.79	Panasonic Gear  #VDGS0138 \$.79	Panasonic Gear  #VDGS0140 \$.79	Panasonic Gear  #VDGS0134 \$.79	Panasonic Gear  #VDGS0136 \$.89	Panasonic Gear  #VDGS0137 \$.79
Panasonic Gear  #VDGS0141 \$.79	Panasonic Gear  #VDGS0323 \$.89	Panasonic Gear Sector Gear VDGS0200  #66-507 \$.79	Panasonic Gear  #VXPS0372 \$3.19	Panasonic Gear  #VDGS0224 \$.79	Panasonic Arm  #VXLS0850 \$2.49
Panasonic Arm  #VXLS0852 \$2.39	Panasonic Arm  #VXLS0488 \$2.69	Panasonic Arm  #VXLS0570 \$3.19	Panasonic Arm  #VXLS0853 \$3.99	Panasonic Lever  #VXL1856 \$1.39	Panasonic Arm  #VMLS0634 \$.79
Panasonic Arm  #VMLS0749 \$.79	Panasonic Arm  #VMLS0508 \$.79	Panasonic Cam Arm  #VXLS0856 \$4.19	Panasonic Motor  #VEMS0099 \$8.99	Panasonic Pulley  #VDP1042 \$3.49	Panasonic Resistor  #EWGANAS93A14 \$3.49

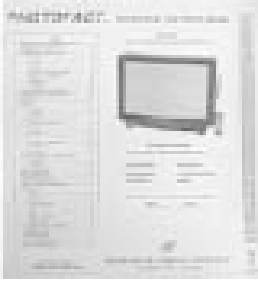
Original Parts

Panasonic Gear  #VXPS0146 \$2.19	Panasonic Switch  #VSSS0052 \$4.19	Panasonic Switch  #EVQWXD001 \$2.89	Panasonic Switch  #VSSS0129 \$2.79	Panasonic Switch  #VSSS0110 \$2.79	Panasonic Switch  #VSS0175A \$4.59
Panasonic Switch  #VSS0365 \$3.99	Panasonic Switch  #VSSS0107 \$4.85	Panasonic Carriages  #VXYS0955 \$15.99 #VXYS0876 \$19.99	Panasonic Carriage  #VXYS0957 \$19.99 #VXYS0885 \$17.99	Panasonic Carriage  #VXAS1151 \$19.99 #VXAS1420 \$19.99	Panasonic Carriage  #VXAS1484 \$19.99 #VXAS1626 \$19.99
Panasonic Tuner  #VEQS0559 \$47.95	Panasonic Charger  #PV-A16 \$69.95	Panasonic Charger  #PV-A23 \$109.95	Panasonic Repair Kit  #TXANE011SER1 \$10.99	Panasonic Cleaner  #VXP1341 \$1.99	Panasonic Filter  #PQVFCFH455F1 \$8.99
Panasonic Roller  #VXLS0738 \$6.99	Panasonic Solenoid  #VSJS0018 \$9.15	Panasonic Side Plate  #VXAS1709 \$6.99	Panasonic Side Plate  #VMS0105 \$2.49	Panasonic Block  #VXKS0778 \$19.99	Panasonic Idler  #VXP0521 \$4.99
Panasonic Idler  #VXP0599 \$1.99	Panasonic Idler  #VXP0600 \$3.79	Panasonic Idler  #VXL0081 \$6.99	Panasonic Roller  #VXLS0243 \$5.99	Panasonic Shoe  #VXL0724 \$2.69	Panasonic Load Arm  #VXLS0572 \$3.29
Panasonic Arm  #VXLS0608 \$1.99	Panasonic Plate  #VXAS1545 \$2.99	Panasonic Brake  #VXZ0189 \$1.99	Panasonic Brake  #VXZ0191 \$1.99	Panasonic Brake  #VXZ0265 \$1.99	RCA Panel  #221066 \$5.99
RCA Gear  #250181 \$.99	RCA/Hitachi Idler 164113/6886971  #164113 \$2.49	RCA Switch Assy.  #189074 \$17.95	RCA Gear  #218910 \$2.75	RCA Power Supply  #219004 \$62.00	RCA Power Supply  #212486 \$62.00
RCA/Hitachi Assy.  #191367 \$6.99	RCA Gear Assembly  #230519 \$2.99	RCA DC-DC Kit  #163818 \$8.75	RCA Side Plate  #212497 \$7.99	RCA Mode Switch  #177205 \$9.99	RCA Tuner  #220977 \$29.95
RCA Arm  #192873 \$4.99	RCA Thermister  #207768 \$2.99	RCA Clutch  #210841 \$13.99	RCA Gear  #212275 \$3.59	RCA Capacitor  #214754 \$2.99	RCA Connector  #215543 \$1.99
Samsung Tuner  #TECC1880 \$19.99	Sanyo/Fisher Idler 143-0-4204-00300,0400  #66-300 \$5.99	Sanyo/Fisher Switch  #6450087837 \$3.99	Sanyo/Fisher Gear Front Gear 613-077-3586  #66-237 \$1.79	Sanyo/Fisher Gear  #6131520172 \$11.00	Sanyo/Fisher Gear  #6130220134 \$2.29
Sanyo/Fisher Bracket  #6130222015 \$1.79	Sanyo/Fisher Gear  #6130222428 \$2.39	Sanyo/Fisher Gear  #6130222619 \$1.39	Sanyo/Fisher Brake  #6130380197 \$2.99	Sanyo/Fisher Gear  #6130546937 \$2.69	Sanyo/Fisher Gear  #6130773647 \$2.99

Original Parts

Sanyo/Fisher Brake  #6130817518 \$1.99	Sanyo/Fisher Arm  #1432780400800 \$2.99	Sharp Arm MARM0032GEZZ  #P0032 \$1.59	Sharp Mode Switch QSWR0023GEZZ  #R0023 \$3.69	Sharp Mode Switch QSWR0026GEZZ  #R0026 \$2.99	Sharp Mode Switch QSWR0017GEZZ  #R0017 \$6.79
Sharp Relay RRLYU0022CEZZ  #R0022 \$4.95	Sharp Lever MLEVP0134GEZZ  #P0134 \$1.69	Sharp Assembly  #H1122 \$10.00	Sharp Assembly  #H1128 \$10.00	Sharp Gear NGERW1032GEZZ  #W1032 \$1.79	Sharp Gear NGERH1226GEOO  #H1226 \$2.50
Sharp Mode Switch QSWR0019/21GEZZ  #R0019 \$5.99	Sharp Capstan Motor  #RMOTN2028 \$29.95	Sharp Gear NGERH1076GEZZ  #H1076 \$1.39	Sharp Gear NGERH1118GEZZ  #H1118 \$1.39	Sharp Gear NGERH1118GEZZ  #H1057 \$2.19	Sharp Gear NGERH1219GEZZ  #H1219 \$1.69
Sharp Gear NGERH1227GEZZ  #H1227 \$2.50	Sharp Gear NGERH1073GEZZ  #H1073 \$1.39	Sharp Gear NGERH1074GEZZ  #H1074 \$1.49	Sharp Gear NGERH1225GEZZ  #H1225 \$1.69	Sony Gear  #373611601 \$2.50	Sony Gear  #373614301 \$2.50
Sony Gear Kit  #A7040474C \$21.95	Sony Gear  #395815603 \$9.00	Sony Mode Switch  #394695801 \$17.99	Sony Gear  #373601501 \$2.50	Sony Gear  #373614801 \$2.50	Sony Gear  #368416301 \$.89
Sony Gear  #373617601 \$4.69	Sony Gear  #394569703 \$1.69	Sony Gear  #395848502 \$9.00	Sony Gear  #373614701 \$2.50	Sony Gear  #495728401 \$2.99	Sony Gear  #X37277821 \$2.79
Sony Gear  #373339401 \$1.49	Sony Gear  #X37279519 \$12.99	Sony Gear  #394570001 \$1.69	Sony Gear  #394692201 \$3.99	Sony Arm  #X39422184 \$12.99	Sony Capstan Motor  #883538203 \$55.00
Sony Gear  #X37279261 \$7.99	Sony Side Plate  #373617701 \$4.39	Sony Gear  #X37279521 \$12.99	Sony Gear  #X37288431 \$9.99	Sony Capstan Motor  #883535002 \$37.00	Sony Capstan Motor  #883539411 \$55.00
Sony Worm Gear  #264340501 \$1.49	Sony Roller Ring  #366896300 \$1.99	Sony Audio Board  #8-746-371-10/11 \$9.95	Sony Mount  #X26253562 \$9.00	Sony Idler  #X49203461 \$2.69	Sony Arm  #373614001 \$2.99
Sony Slider  #3-958-163-04 \$14.25	Sony Fusible Resistor 1/2W, .1 ohm  #1-202-933-61 \$1.99	Sony Varistors  #180728811 (Black) \$3.99 #181005311 (Green) \$1.99	Sony Tuner  #146537111 \$42.95	Additional Original Parts: Tuners page 10 Rollers page 14 Switches page 14 CD parts page 29 Closeouts page 33 Remotes page 35	
Toshiba Switch Assy.  #70145381 \$11.99	Toshiba Tuner  #TMVH2008A \$29.95	Toshiba Lever  #70031477 \$8.99	Toshiba Lever  #70363446 \$21.99		

TV/VCR Schematics



Electronix is now a distributor of Sams Photofacts for TV, VCR & computer. Photofacts have long been the industry standard for service information. Photofacts contain schematics, parts lists, and component locations. Also, many contain troubleshooting guides. Photofacts are affordable, with most TV & VCR Photofacts ranging from \$15.25 to \$21.95. Sams also provides a photocopy service for outdated and/or out of print manuals. We have made finding the correct Photofact easy with our on-line database. Just go to www.electronix.com, click on TV/VCR schematics, then enter your model and our search engine will display the correct number (or prompt you to call for photocopied items). Prices are listed below your search results. If you don't have Internet access, call our customer service department at **937-878-1828** for fast service.

Computer Monitor Schematics

Order#	Brand/Model	Price							
2408-L	AAMAZING CM-8428SX	\$39.95	2571-L	COMPAQ MODEL 480/481	\$49.95	2277	PACKARD BELL PB8530MS	\$45.00	
2479	AAMAZING CM-8486TX	\$45.00	2531-L	COMPAQ MODEL 490	\$49.95	2185-W	PACKARD BELL PB8531/8541	\$45.00	
2709-M	ACER 7056T	\$45.00	2061-L	DAEWOO CMC 1412A	\$39.95	2669-M	PACKARD BELL PB8537SVG	\$45.00	
2556-L	ACER 70761/71761	\$49.95	2514-M	DAEWOO CMC 1412AE	\$45.00	2278-W	PACKARD BELL PB8549	\$45.00	
2553-M	ACER 7133D/11D	\$49.95	2501-M	DAEWOO CMC 1414AD	\$45.00	2191-WL	PACKARD BELL PB8552VG	\$45.00	
2554-M	ACER 7134	\$49.95	2502-M	DAEWOO CMC 1414BA/B	\$45.00	2657	PACKARD BELL PB1010	\$45.00	
2555	ACER 7156	\$49.95	2515-M	DAEWOO CMC 1700M	\$45.00	2363-W	SAMSUNG 1453M1 EGA &	\$45.00	
2740-M	ADI MODEL SM5517AP	\$49.95	2634-M	DAEWOO CMC-1412AD	\$45.00	2201	SAMSUNG CSA7571	\$45.00	
2650	ADI MODEL SM5517C	\$45.00	2320-L	GATEWAY CS1572FS	\$45.00	2628-M	SAMSUNG CSQ-4327/L	\$45.00	
2611-M	AOC CM 747	\$45.00	2749-M	GATEWAY 15F23	\$45.00	2674-M	SAMSUNG CST7677L/7687L	\$45.00	
2708-M	AOC SPECTRUM 4L	\$45.00	2750-M	GATEWAY 17F23	\$45.00	2475	SAMSUNG CVM 478*T / LR	\$45.00	
2713-M	AOC SPECTRUM 4N/LR	\$49.95	2683-M	GATEWAY CS1572DG	\$49.95	2474	SAMSUNG CVM 496*T / LR	\$45.00	
2737-M	AOC SPECTRUM 4S	\$49.95	2081-L	GATEWAY PMV-1448/1448L	\$39.95	2693-L	SAMSUNG CVM4967	\$45.00	
2460-L	APPLE M-1595	\$45.00	2247	GATEWAY PMV-1448NI/CS1024	\$45.00	2754-M	SAMSUNG CVP4237/L	\$45.00	
2459-L	APPLE M-1787	\$49.95	2493-M	GOLDSTAR CH442/CH446	\$49.95	2614-M	SAMSUNG MODEL CVL495*	\$45.00	
2728-M	APPLE M-2943	\$49.95	2668-M	GOLDSTAR CQ452,CQ453	\$45.00	2620-M	SONY GDM-17EO1	\$45.00	
2411-L	APPLE M-3502 21"	\$49.95	2484	GOLDSTAR CS442/446A	\$49.95	2616	SONY MODEL CPD-1791	\$45.00	
2199	APPLE M-5812 21"	\$99.95	2526-L	GOLDSTAR CS555/CS556	\$45.00	2663-M	SONY MODEL CPD15SF1	\$45.00	
2618	COMPAQ MODEL 460P	\$45.00	2658	GOLDSTAR 1465DLS	\$45.00	2689-M	SONY MODEL GDM2036S	\$49.95	
2648-L	COMPAQ MODEL 461P.	\$49.95	2684-M	PACKARD BELL PB8515SVGL	\$49.95	2762-M	SONY MODEL GDM20SE1	\$45.00	
2621-L	COMPAQ MODEL 462	\$45.00	2785-M	PACKARD BELL PB1401	\$45.00	2660-L	TATUNG CM14UPE	\$45.00	
2777-M	COMPAQ MODEL 472P	\$49.95	2659-L	PACKARD BELL PB1402S	\$45.00	2729-M	TATUNG CM15VBE	\$45.00	
			2656-L	PACKARD BELL PB1412SL	\$45.00	2764-M	TATUNG CM2000/CM2020	\$45.00	

This is a partial listing of our hundreds of monitor schematics. Updated listing & pricing available at www.electronix.com/schematics or call our customer service department!

InnerWorks VCR Service Data

Innerworks contain detailed, easy to follow **mechanical** drawings & complete listings of all mechanical parts and assemblies for 15-20 VCR models each. Item NON-RETURNABLE.

InnerWorks \$11.95 each

GOLDSTAR #38-4112
VC-5500,GHV42FM,GHV51/55FM
GHV1221/2,GHV1230,GHV1233,
GHV1234,GHV1235,GHV1240,
GHV1241,GHV1242C,GHV1243,
GHV1245,GHV1247,GHV1250

PANASONIC #38-7270
PV1360,PV1361,PV1362,PV1364,
PV1366,PV1460,PV1461,PV1462,
PV1560,PV1561,PV1562,PV1563,
PV1564,PV1565

PANASONIC #38-7110
PV2700B/RW,PV3700/20,PV3770,
PV4164,PV4700,PV4720/50,PV4760,
PV4768/70,PV4780. **QUASAR**
VH5270,VH5370,VH5371/78/79,
VH5470/71,VH5479,VH5675,VH5975

SAMSUNG #38-7117
VR500 VR2670 VR5519
VR2400 VR2680 VT215T
VR2410 VR3509 VT221T
VR2430 VR3519 VT222T
VR2610 VR5509 VT226T

LLOYDS/SYMPHONIC #38-9110

L-811, L-823, L-824, L-826, L-828,
L-834, L-838, L-840, L-845, L-940,
5000,5002,5200,5202,6000,8000

PANASONIC #38-7156
PV1525/30,PV1730,PVM1328,
PVM2028/H,PVM2049, PVM2050/A
PVM2730,PVMS2750,PVS4167,
PVS4986. **QUASAR** VH5245,
VH5246,VH5846,VV8213/21,VV9527

PANASONIC #38-7142
PV4067,PV4068,PV4069,PV4926,
PV4930,PV4941/50,PV4960,
PV4962,PV4970,PVS4080. **QUASAR**
VH6200,VH6201,VH6205, VH6400,
VH6401,VH6403,VH6405,VH6408

TEKNIKA/SCOTT #38-9130
VCR571,VCR583,VCR584,VCR587,
VCR683,VCR684,SVP1,SVR100,
SVR110,SVR115,SVR116/7,
SVR120,SVR122,SVR160,SVR200,
SVR330,SVR504,SVR510

AKAI/GOLDSTAR #38-1140
VS-515U/UM,VSS25U,VSS55U/UM,
VS-565U,VS-5151U, GHV1200,
GHV1280,GHV1285, GHV1700,
GHV1705,VCP4200,VCP4201,
VCP4205,VCP4206

NEC/SAMSUNG #38-6148
N901EU,N911EU,N912U,N945U,
N951U,N955C/U,N965U,PV1400A,
VP2210,VP2215,VP2220,VP2300,
VP2500,VR2310,VR3700,VR3710,
VR8501,VT311TA

PANASONIC #38-7271
PV1566,PV1567T,PV1642,PV1742,
QUASAR VH5162,VH5163,VH5164,
VH5165,VH5168,VH5261,VH5262,
VH5268,VH5665,VH5865

PANASONIC #38-7191
PV4800,PV4820,PV4822,PV4823,
PV4826,PV4852,PV4860,PV4862
PV4863,PV4870,PV4900,PV4903,
PV4904,PV4905,PV4920,PV4924,
PV4961

DAEWOO #38-9140
DVR1535,DVR3034,DVR4632,
DVR5038,DVR6131/36,DVR6232,
DVR6733,DVR6933, DVR7232.
TEKNIKA VCR686,VCR782/3,
VCR784/5,VCR786/9,VCR886/7

EMERSON #38-3119
VCP660/L,VCP664,VCP700,
VCR754/755, VCR800, VCR870H,
VCR872/875,VCR873/4, VCR951,
VCR952, VCR953,VCR988,
VCR1000,VCS955A,VCS966A

PANASONIC #38-7123
PV1110,PV2110,PV4002,PV4110,
PV4120,PV4127,PV4151,PV4151,
PV4160,PV2101,PV4101. **QUASAR**
VH200,VH400,VH6210,VH6215,
VH6410,VH6415,VH6417

PANASONIC #38-7190
PV2800/B,PV2801G,PV2802R,
PV2803W,PV2805,PV2812
PV2820,PV2822,PV2850,PV2900,
PV2901,PV2903,PV2904,PV2912,
PV4005,PV4009

QUASAR #38-7192
VH5280,VH5290,VH5291,VH5380,
VH5381,VH5388,VH5390,VH5480,
VH5485,VH5488,VH5490,VH5495,
VH5590,VH5595,VH5685, VH5831,
VH5902

TOSHIBA #38-8113
M221/C/L,M226/C/L,M420,M420C
M421,M426,M426C,M426L,M440,
M440C,M441,M441C,M441L,M445,
M446, M5130C

FUNAI,TATUNG,TKM #38-9120

SVG4100,VP1500,VP1501,VCP2100,
VCP2200,VIP1100,VP3100,VP3200
VRH8300U,2020,2030,2053,2055,
3033,3035

PANASONIC #38-7280
PV1330/2,PV1334,PV1340,PV1342,
PV1442,PV1535,PV1540,PV1545.
QUASAR VH5151/2, VH5153,
VH5154,VH5156,VH5157,VH5158,
VH5251/4,VH5256,VH5355,VH5655

PANASONIC #38-7141
PV2003/4,PV2012,PV2015S,
PV4002W,PV4003/U,PV4008/10,
PV4016,PV4020,PV4024,PV4025,
PV4060,PV4061/2,PV4063,
PV4064,PV4065,PV4066

PORTAVIDEO, FUNAI, TATUNG,TKM #38-9120
VCP2100/2200,VIP1100,VP3100,
VP3200,2020,2030,2053,2055,
3033,3035,VRH8300U,VP1500,
VP1501,SVG4100

TOSHIBA #38-8258
DX3/C,DX7/C,M2283,M2287C,
M4100,M4130,M4200,M4220,
M4230,M4300C,M4320C,M4330C,
M5483/C,M6000,M6002,M6005C,
VS44C,VS441,VS443,VS443C

Capacitors and Resistors



6.3V Low Profile

Value	(1-9)	(10up)
10	.29	.24
22	.39	.34
33	.39	.34
47	.39	.34
100	.39	.34
220	.49	.42
330	.49	.42
470	.69	.59
1000	.79	.69
2200	1.49	1.39
3300	1.59	1.49
4700	1.79	1.69

10V Low Profile

10	.29	.25
22	.29	.25
33	.34	.29
47	.34	.29
100	.34	.29
220	.49	.44
330	.59	.54
470	.79	.72
1000	.79	.72
2200	1.49	1.39
3300	1.59	1.45
4700	1.69	1.45

16V Low Profile

4.7	.39	.34
10	.39	.34
22	.39	.34
33	.49	.42
47	.59	.51
100	.59	.51
220	.69	.61
330	.79	.70
470	.89	.79
1000	.99	.88
2200	1.69	1.47
3300	1.99	1.79
4700	2.09	1.95

25V Low Profile

3.3	.34	.29
4.7	.39	.29
10	.36	.31
22	.36	.31
33	.36	.31
47	.37	.32
100	.39	.34
220	.59	.54
330	.79	.69
470	.89	.79
1000	1.19	1.05
2200	1.79	1.59
3300	1.99	1.79
4700	2.39	2.25

35V Regular

47	.29	.25
100	.29	.25
220	.39	.34
330	.39	.34
470	.59	.54
1000	.79	.69
2200	1.09	.99
3300	1.49	1.39
4700	1.99	1.89

35V Low Profile

2.2	.29	.24
3.3	.29	.24
4.7	.29	.24
10	.39	.34
22	.39	.34

50V Low Profile

.1	.39	.34
.22	.39	.34
.33	.39	.34
.47	.39	.34
1	.39	.34
2.2	.39	.34
3.3	.39	.34
4.7	.39	.34
10	.49	.42
22	.49	.42
33	.49	.42
47	.55	.48
100	.69	.61
220	.79	.70
330	.99	.89
470	1.19	1.05
1000	1.79	1.75

50V Regular

1	.24	.19
2.2	.39	.34
3.3	.39	.34
4.7	.39	.34
10	.39	.34
22	.49	.42
33	.49	.42
47	.49	.42
100	.69	.61
220	.79	.70
330	.89	.79
470	.99	.89
1000	1.19	1.09
2200	1.79	1.39
3300	2.39	1.99
4700	4.50	3.99

50V High Freq.

HF2.2	1.99	1.79
HF3.3	1.99	1.79
HF4.7	1.99	1.79
HF6.8	1.99	1.79
HF8.2	1.99	1.79
HF10	1.99	1.79

63V Regular

4.7	.18	.15
10	.21	.17
22	.25	.19
33	.29	.24
47	.31	.26
100	.35	.29
220	.49	.42
330	.59	.54
470	.79	.69
1000	1.49	1.19

100V Regular

.47	.19	.14
1	.24	.19
2.2	.39	.34
3.3	.39	.34
4.7	.39	.34
10	.39	.34
22	.49	.42
33	.49	.42
47	.49	.42
100	.69	.61
220	.79	.70
330	.89	.79
470	.79	.89

160V Regular

.47	.39	.34
1	.39	.34
2.2	.49	.42
3.3	.59	.51
4.7	.69	.61
10	.69	.61
22	.79	.70
33	1.29	1.15
47	1.59	1.30
100	1.79	1.49
220	1.89	1.39
330	2.39	1.99
470	3.79	3.39

200V Regular

82	1.59	1.39
220	1.85	1.65
330	3.35	2.85
470	3.55	3.15
560	3.85	3.55
680	4.40	3.95
820	4.85	4.60

250V Regular

.47	.39	.35
1	.49	.42
2.2	.49	.42
3.3	.49	.42
4.7	.59	.51
10	.69	.61
22	.99	.89
33	.99	.89
47	1.19	.99
100	1.59	1.29
220	3.69	3.39
330	3.99	3.69
470	4.59	4.29
680	4.59	4.29

350V Regular

.47	.39	.34
1	.39	.34
2.2	.39	.34
3.3	.59	.51
4.7	.59	.51
10	.79	.69
22	.99	.89
33	1.09	.99
47	1.19	1.05
100	1.99	1.79
220	3.99	3.69
330	4.89	4.59

400V Regular

4.7	.89	.69
100	4.25	3.99

450V Regular

1	.49	.42
2.2	.59	.54
3.3	.79	.72
4.7	.99	.89
10	1.19	1.09
22	1.89	1.69

16V Non Polar

Value	(1-9)	(10up)
22	.59	.54

50V Non Polar

1	.49	.45
2.2	.49	.45
3.3	.49	.45
4.7	.49	.45
6.8	.49	.45
10	.54	.49
22	.59	.54
33	.59	.54
47	.64	.59

100V Non Polar

1	.49	.45
2.2	.49	.45
3.3	.54	.49
4.7	.59	.54
10	.59	.54
100	1.79	1.69

50V Surface Mount Chip Caps

2pf	39pf	220pf	3300pf
10pf	47pf	330pf	4700pf
15pf	56pf	470pf	8200pf
22pf	68pf	1000pf	.01mf
27pf	100pf	1800pf	.047mf
33pf	150pf	2200pf	.1mf

.15 (10up) 19¢ (1-9)

Chip Capacitors

Heavily used in camcorders & other miniature equipment.

4V Chip Caps

Value	(1-9)	(10up)
22	.54	.49
33	.54	.49
47	.54	.49
100	.59	.54
220	.59	.54

6.3V Chip Caps

22	.59	.54
33	.59	.54
47	.59	.54
100	.64	.59

10V Chip Caps

22	.69	.64
33	.69	.64
220	.79	.75

16V Chip Caps

10	.59	.54
22	.65	.59
33	.69	.65
47	.69	.65
100	.79	.75

25V Chip Caps

4.7	.59	.54
10	.69	.65
22	.69	.65
33	.69	.65

35V Chip Caps

2.2	.59	.54
3.3	.59	.54
4.7	.59	.54
6.8	.79	.75
10	.69	.65
22	.69	.65
33	.79	.75
47	.79	.75

50V Chip Caps

.22	.59	.54
.47	.59	.54
1	.59	.54
2.2	.59	.54
3.3	.59	.54
4.7	.59	.54
10	.59	.54

Dual Emitter Resistor

79¢ (10up)	99¢ (1-9)
	5 Watt Used in stereo output stages.
Order# DER(value)	
.22	.33 .47

5W 59¢ (10up)

Standoff 69¢ (1-9)

1	3.3
2.2	3.9
2.7	4.7

7W 69¢ (10up)

Standoff 89¢ (1-9)

1	3.3
2.2	3.9
2.7	4.7

15W 79¢ (10up)

Standoff 99¢ (1-9)

1	3.3
2.2	3.9
2.7	4.7

Wire-Wound Axial (Bathtub) Resistors

5 Watt 29¢ (10up) 34¢ (1-9)

BT.22	BT1.8	BT5.6
BT.33	BT2.2	BT6.8
BT.39	BT2.7	BT10
BT.47	BT3.3	BT15
BT1	BT3.9	
BT1.5	BT4.7	

7 Watt 34¢ (10up) 39¢ (1-9)

BT.22	BT2.2	BT12
BT.33	BT2.7	BT22
BT.39	BT3.3	BT27
BT.47	BT3.9	BT33
BT.68	BT4.7	BT39
BT1	BT5.6	BT47
BT1.5	BT6.8	
BT1.8	BT10	

10 Watt 39¢ (10up) 44¢ (1-9)

BT.22	BT3.9	BT18
BT.33	BT4.7	BT22
BT.47	BT5.6	BT33
BT1	BT6.8	BT47
BT1.5	BT8.2	BT82
BT2	BT10	BT100
BT2.2	BT12	
BT3.3	BT15	

Flameproof Resistors

5% Tolerance

1/4 Watt 8¢ (10up)

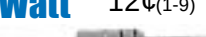
10¢ (1-9)



.47	68	2K	51K
1	82	2.2K	56K
2.2	100	2.7K	68K
3.3	120	3.3K	75K
4.7	150	3.9K	82K
5.6	180	4.7K	100K
8.2	200	5.6K	120K
10	220	6.8K	150K
12	270	8.2K	180K
15	330	10K	220K
18	390	12K	330K
20	470	15K	390K
22	560	18K	470K
27	680	22K	560K
33	820	27K	680K
39	1K	30K	820K
47	1.2K	33K	
56	1.5K	39K	
62	1.8K	47K	

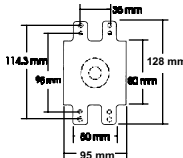
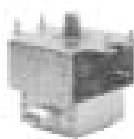
1/2 Watt 10¢ (10up)

12¢ (1-9)

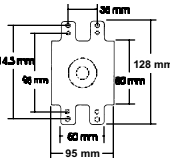


2.22	27	560	12K
3.33	33	680	15K
4.47	39	820	18K
1	47	1K	20K
2.2	56	1.2K	22K
2.7	62	1.5K	27K
3.3	68	1.8K	30K
4.7	82	2K	33K
5.1	100	2.2K	39K
5.6	120	2.7K	47K
6.8	150	3.3K	56K
8.2	180	3.9K	68K
10	200	4.7K	75K
12	220	5.6K	82K
15	270	6.8K	100K
18	330	7.5K	
20	390	8.2K	
22	470	10K	

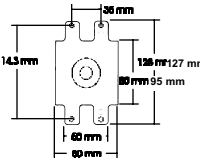
Microwave Repair



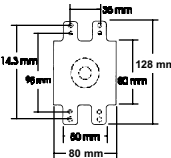
Power Rating: 700-850 Watts
Peak Anode Voltage: 4.1 KV
Antenna: Standard 30 mm
#47-229
\$34.50



Power Rating: 700-850 Watts
Peak Anode Voltage: 4.1 KV
Antenna: Standard 30 mm
#47-231
\$37.90



Power Rating: 700-850 Watts
Peak Anode Voltage: 4.1 KV
Antenna: Standard 30 mm
#47-232
\$37.90



Power Rating: 700-800 Watts
Peak Anode Voltage: 4.1 KV
Antenna: Standard 30 mm
#47-600
\$38.90

We cross reference magnetrons by model or magnetron number. Call us at 800-223-

Switches

SPDT N.O. N.C.

15A 125/250V

Order# 47-495

\$1.69(12up) \$1.89(1-11)



Switches

SPDT N.O./N.C.

15A 125/250V

Order# 47-501

\$1.99(12up) \$2.09(1-11)



Diodes

550mA 12KV

Fits most domestic.

Order# 47-236

\$2.89(10up) \$3.39(1-9)



Diodes

550mA 12KV

Domestic.

Order# 47-529

\$2.19(10up) \$2.39(1-9)



Lamps

25 Watt 120 Volt

Order# 47-543

\$1.39(12up) \$1.59(1-11)



SPST N.O.

15A 125/250V

Order# 47-497

\$1.69(12up) \$1.89(1-11)



SPST N.C.

15A 125/250V

Order# 47-503

\$1.99(12up) \$2.09(1-11)



550mA 12KV

Amana/Magic Chef

Order# 47-527

\$3.49(10up) \$3.79(1-9)



550mA 12KV

Panasonic.

Order# 47-234A

\$4.16(10up) \$4.55(1-9)



40 Watt 120 Volt

Order# 47-544

\$1.39(12up) \$1.59(1-11)



SPST N.C.

15A 125/250V

Order# 47-499

\$1.69(12up) \$1.89(1-11)



SPDT N.O./N.C.

15A 125/250V

Order# 47-505

\$2.19(12up) \$2.39(1-11)



550mA 12KV

Domestic/Tappan.

Order# 47-528

\$3.49(10up) \$3.79(1-9)



550mA 12KV

Round body.

Order# 47-235A

\$3.79(10up) \$3.99(1-9)



25 Watt 120 Volt

Order# 47-545

\$1.39(12up) \$1.59(1-11)



Microwave Capacitors



Internal bleeding resistor. Case temperature rating 70 C. 2100VAC. Tolerance for capacitors +3% -3%. 4.032" x .250" spades.

Value	Order#	Price
.70uF	47-295	\$8.25
.75uF	47-296	\$8.25
.80uF	47-297	\$8.25
.85uF	47-298	\$8.95
.90uF	47-299	\$8.95
.95uF	47-300	\$8.95
1.0uF	47-301	\$8.95
1.05uF	47-302	\$8.95
1.10uF	47-303	\$8.95
1.20uF	47-304	\$8.95

Fuses / Couplers

ABC Ceramic Fuses

Amps	Volts	Order #
10	250	ABC10A
12	250	ABC12A
15	250	ABC15A
20	250	ABC20A

Order# ABC(value) **\$1.19 / 5**

Turntable Couplers

Fits Sharp models.

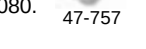
Order# 47-755 **\$4.25**

Fits many Sharp and Goldstar models.

Order# 47-511 **\$2.89**

Fits Sharp models R4075 and R4080.

Order# 47-757 **\$3.25**



Waveguide / Triacs

Waveguide Material

Universal cut-to-size mica.

10" x 12" x .015"

Order# 47-1012 **\$5.90**



High Quality Triacs

120V, 25 AMP, TO-3 Case

1-7V AC Gate, 2.5 Nom., Square

Order# 47-508 **\$7.99**(10up) \$8.69(1-9)



120V, 25 AMP, TO-3 Case

1-7V AC Gate, 2.5 Nom., Round

Order# 47-234 **\$8.99**(10up) \$9.49(1-9)



Microwave Test Equipment

Magnameter

Analyzes magnetron, HV diode, capacitor, and transformer operation- no batteries needed. Works on all makes and models. Detailed instructions included.

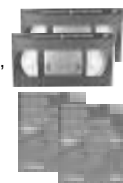


Order# 47-501 **\$149.95**

Microwave Repair Course

Troubleshoot/repair virtually any commercial or residential microwave. Covers magnetrons, capacitors, diodes, circuit boards, touch panels, switches, waveguides, fuses & more. Factory documented procedures and 100s of actual case histories. Contains touch panel diagrams for over 400 models.

Order# VID12PK **\$56.95**



2 Videos / 2 Books

Circuit Saver

Quickly substitutes for defective diodes and fuse/breakers. Connect Circuit Saver to defective part and you're done!



Order# 47-502 **\$39.95**

Power Test Lite Bar

Lights up to indicate microwave operation. Easily locates hot or cold spots & tests for proper power settings. Runs off the oven's microwaves!



Order# 47-510 **\$5.99**

Power Output Tester

This practical and economical test kit includes a mercury thermometer, output conversion chart, & calibrated test bowl. Complete instructions.



Order# 47-520 **\$22.99**

Microwave Test Kit

Detects hazardous microwave leak levels. Easy to use, no batteries required. Reusable and long lasting.



Order# SD907

\$4.95(10up) \$5.95(1-9)

Technician Tools & Accessories



Tool Descriptions & Pricing

1. Belt Installation Tool

Makes belt installation/removal a breeze! Hook & pull ends.

Order# SD18 **\$3.90**

2. Precision Screwdrivers

6 piece set w/ case. 4 straight, 2 phillips (#0,1) tips. Metal.

Order# SD101 **\$1.99**

3. Solder Irons

UL approved. Replaceable tips. All purpose.

30W # SD102 **\$2.99**

40W # SD103 **\$5.99**

4. Desolder Pump

Anti-static. Metal body. Self cleaning. Replaceable tip.

Order# SD104 **\$3.79**

5. 100W Solder Gun

Pistol grip. Plastic body. Instant heat.

Order# SD105 **\$8.99**

6. Heavy Duty Pump

High vacuum. 1 mS regulated return. Uniform pressure.

Order# SD106 **\$6.99**

Static dissipating desolder pump # SD106S **\$14.99**

7. Magnetic Telescope Pick-up Tool

Screwdriver handle style. Magnetic tip. Extends to 16".

Order# SD108 **\$2.99**

8. Helping Hands

Weighted base. Alligator clips hold items securely.

Order# SD109 **\$4.69**

9. Computer Tool Kit

2 slotted / 2 Phillips screwdrivers, IC extractor & inserter, parts picker, 2 nut drivers, holder.

Order# 89-810 **\$11.95**

10. Parts Picker Upper

Great for starting screws & retrieving items.

Order# 6061 **\$3.69**

11. Solder Ease Kit

4 tools for making solder jobs faster & easier.

Order# SD132 **\$2.99**

12. Alligator Clip Set

1" 10 cable clips.
1' AWG 24 color coded leads.

Order# SD221 **\$2.99**

13. Bent Nose Pliers

Metal constructed with rubber grip handles.

Order# SD136 **\$3.49**

14. Stripper/Cutter

Metal constructed with rubber grip handles.

Order# SD137 **\$3.59**

15. Long Nose Pliers

Metal constructed with rubber grip handles.

Order# SD138 **\$3.59**

16. Diagonal Cutters

Metal constructed with rubber grip handles.

Order# SD139 **\$3.59**

17. Helping Hands

Weighted base. Includes magnifier. Metal.

Order# SD186 **\$5.49**

18. Brush/Scraper

Great for PCB cleaning & repair. Metal brush & scraper ends.

Order# SD228 **\$2.95**

19. IC Extractor

Rubber over steel tips. Blister package.

Order# SD329 **\$2.79**

20. Mini File Set

5 styles, plastic handles. Perfect for burnishing.

Order# SD384 **\$5.49**

21. 9" Wire Tool

Crimp, bolt shear, & wire cutter. Used for AWG 10-22.

Order# 84-207 **\$12.95**

22. Snap Ring Pliers

Removes snap rings, e-clips, more. Metal w/ rubber handles.

Order# SD503 **\$4.39**

23. High Voltage Wand

Glow when high voltage is present. Check flybacks, more.

Order# SD901 **\$9.95**

24. 9 in 1 Screwdriver

Magnetic pickup. 1,2,3 Phillips, 4-5, 8-10 slotted. T15,20 Torx.

Order# SD905 **\$7.50**

25. Burnishing Tools

Used to clean connectors and card edges.

.120" Order# SD9337

.250" Order# SD9338

\$1.69(10up) \$1.99(1-9)

26. Demagnetizer

For audio heads. UL approved.

Order# AC4410 **\$8.99**

27. VCR Tool Kit

7 guide adjusters, head puller, snap ring pliers, 3 reversible screwdrivers, hex wrench kit, belt push/pull tool, all in a zippable carrying case.

Order# KIT20 **\$36.95**

28. Socket & Bit Set

8" screwdriver ratchet handle, magnetic bit holder, 41 sockets & bits including: metric sockets #6-12, standard sockets 3/16" to 1/2", Torx T15-T40, 8 screwdriver bits. more. 4" extension bar, all in a plastic carrying case.

Order# KIT25 **\$9.49**

29. Alignment Tool Set

4 pieces for adjusting pots/trimmers/ coils.

Order# KIT27 **\$3.99**

30. Probe Set

4 double headed metal probes, each with different ends.

Order# KIT28 **\$9.95**

31. Hemostats

Metal. Ridged tips for easy gripping.

Straight tip Order# 270A

Curve tip Order# 270B

\$3.95 either style

32. PermaSeal Crimper

For RG6/59 coax cable. Water-proof installation. Steel w/ padded handles.

Order# 84-206 **\$46.95**

33. Stripping Tool

For RG58/59/6. Cuts cable jacket, shield & insulation without damage.

Order# 84-200 **\$14.50**

34. Rotary Stripper

For RG58/59/6. Cuts cable jacket, shield & insulation without damage.

Order# 84-202 **\$10.95**

35. Crimping Tool

8 1/2" hex crimp tool for RG 58, 59, & 62 fittings.

Order# 84-010 **\$14.00**

36. Heavy Duty Crimper

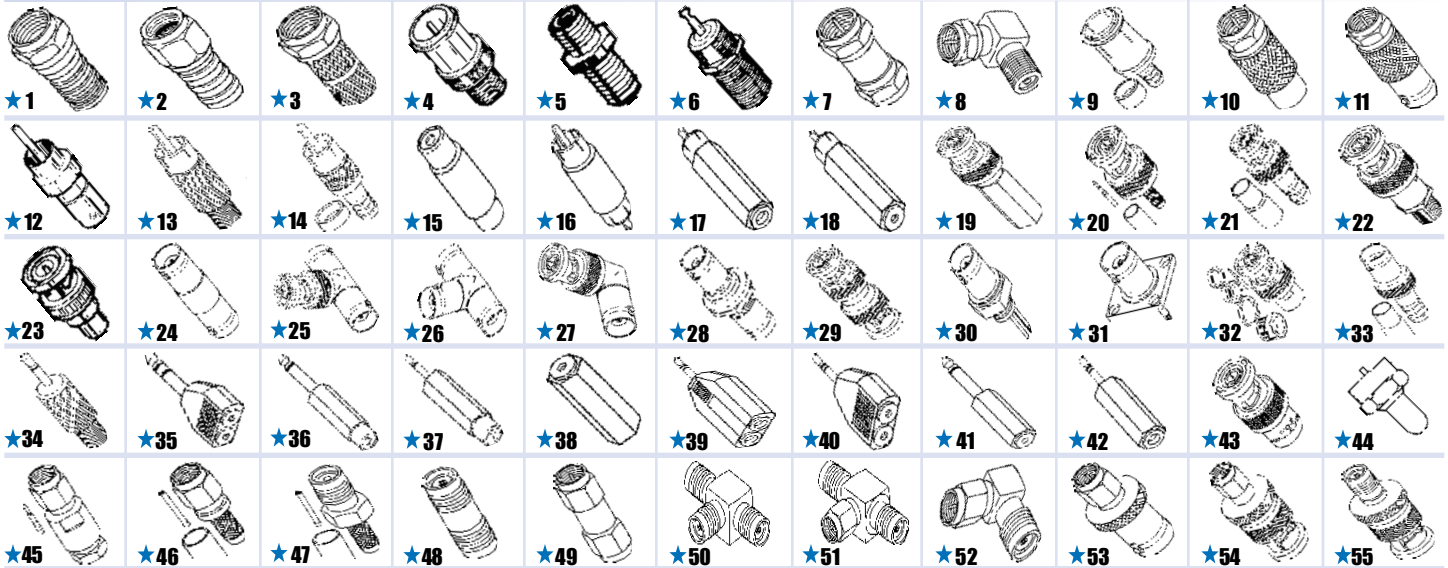
For RG 11, 59, 58, 6, more. Hardened steel w/ padded handle. Crimps F, N, BNC, TNC, UHF, & SMA connectors.

Order# 84-205 **\$24.95**

Connectors/Adapters

Connectors are arranged by output.

- F, BNC, RCA, SMA, Audio, Terminators.



1. F-59 Plug Crimp

--Nickel w/ 1/2" barrel.
#34-004 12¢(100up) 15¢(1-99)

1. F-56 Plug Crimp

--Nickel w/ 1/2" barrel.
#34-005 12¢(100up) 15¢(1-99)

2. RG6 w/O Ring

-Anti-corrosion plating.
#34-001 25¢(25up) 29¢(1-24)

2. RG6 Weatherproof

-O Ring & silicone gel seal.
-Precision machined brass.
#34-002 49¢(25up) 55¢(1-24)

3. F-59 Twist On

#34-006 12¢(100up) 15¢(1-99)

4. Quick F Adapter

#34-007 44¢(25up) 59¢(1-24)

5. F-81 Coupler

-with mounting nut & washer.
#34-111 27¢(25up) 31¢(1-24)

6. F-61 Connector

-with mounting nut & washer.
#34-115 36¢(25up) 44¢(1-24)

7. F Coupler M-M

#34-120 49¢(25up) 59¢(1-24)

8. F Right Angle

#34-121 49¢(25up) 59¢(1-24)

9. Quick F Plug - RG59

#34-017 34¢(25up) 42¢(1-24)

10. RCA Jack to F Plug

#34-131 69¢(25up) 79¢(1-24)

11. BNC Jack to F Male

#34-123 79¢(25up) 99¢(1-24)

12. BNC to RCA

#34-116 89¢(25up) 99¢(1-24)

13. F to RCA Male

#34-114 69¢(25up) 89¢(1-24)

14. RCA Plug (w/ 1/4" Ring)

#34-015 49¢(25up) 59¢(1-24)

15. RCA Coupler F-F

#34-124 25¢(25up) 29¢(1-24)

16. RCA Coupler M-M

#34-125 29¢(25up) 34¢(1-24)

17. 1/4" Audio to RCA

#34-129 42¢(25up) 49¢(1-24)

18. 3.5mm Audio to RCA

#34-130 42¢(25up) 49¢(1-24)

19. BNC Twist-On

-For use with RG59/62.
#82-142 59¢(25up) 79¢(1-24)
-For use with RG58.
#82-146 59¢(25up) 79¢(1-24)

20. BNC 3 Piece Crimp

-For use with RG59/62.
#82-143 49¢(25up) 59¢(1-24)
-For use with RG58.
#82-145 49¢(25up) 59¢(1-24)

21. BNC 2 Piece Plug

-For use with RG59/62.
#82-150 69¢(25up) 79¢(1-24)
-For use with RG58.
#82-151 69¢(25up) 79¢(1-24)

22. F Jack to BNC Plug

#82-130 75¢(25up) 89¢(1-24)

23. RCA to BNC

#34-009 69¢(25up) 89¢(1-24)

24. BNC F-F Coupler

#82-160 68¢(25up) 85¢(1-24)

25. BNC Tee

#82-155 99¢(25up) \$1.35(1-24)

26. BNC Tee

#82-157 99¢(25up) \$1.29(1-24)

27. BNC Angle F-M

#82-158 99¢(25up) \$1.29(1-24)

28. BNC F-F Panel

#82-165 89¢(25up) 99¢(1-24)

29. BNC M-M Coupler

#82-159 99¢(25up) \$1.29(1-24)

30. BNC Isolated Panel

#82-148 85¢(25up) 99¢(1-24)

31. BNC Jack Panel

#82-156 85¢(25up) 99¢(1-24)

32. BNC Plug Clamp

-For use with RG59/62.
#82-161 85¢(25up) 99¢(1-24)

33. BNC Jack Crimp

-For use with RG59/62.
#82-162 85¢(25up) 99¢(1-24)
-For use with RG58.
#82-163 85¢(25up) 99¢(1-24)

34. F to 3.5mm Mono

#34-122 59¢(25up) 69¢(1-24)

35. Dual 3.5mm to 1/4"

#34-126 69¢(25up) 89¢(1-24)

36. RCA to 1/4"

#34-127 29¢(25up) 34¢(1-24)

37. RCA to 3.5mm

#34-128 29¢(25up) 34¢(1-24)

38. 3.5mm to 3.5mm

#34-132 29¢(25up) 34¢(1-24)

39. Dual 1/4" to 3.5mm

#34-133 89¢(25up) \$.99(1-24)

40. Dual 3.5mm to 3.5

#34-134 79¢(25up) 89¢(1-24)

41. 3.5mm to 1/4"

#34-135 36¢(25up) 44¢(1-24)

42. 1/4" to 3.5mm

#34-136 44¢(25up) 59¢(1-24)

43. BNC Terminator

50-Ohm BNC, 1%, 1/2 watt.
#82-176 89¢(25up) \$1.09(1-24)
75-Ohm BNC, 1%, 1/2 watt.
#82-178 89¢(25up) \$1.09(1-24)
93-Ohm BNC, 1%, 1/2 watt.
#82-180 89¢(25up) \$1.09(1-24)

44. F Terminator (75 Ohm)

#45-585 29¢(25up) 39¢(1-24)

45. SMA Plug Clamp

-For use with RG59/62.
#82-181 \$1.69(10up) \$1.89(1-9)
-For use with RG58A.
#82-181A \$1.69(10up) \$1.89(1-9)

46. SMA Plug Crimp

-For use with RG59/62.
#82-182 \$1.19(10up) \$1.39(1-9)
-For use with RG58A.
#82-182A \$1.19(10up) \$1.39(1-9)

47. SMA Jack Crimp

-For use with RG59/62.
#82-183 \$1.59(10up) \$1.79(1-9)
-For use with RG58A.
#82-183A \$1.19(10up) \$1.39(1-9)

48. SMA Coupler F-F

#82-184 \$1.29(10up) \$1.49(1-9)

49. SMA Coupler M-M

#82-185 \$1.89(10up) \$2.29(1-9)

50. SMA Tee F-F-F

#82-186 \$2.69(10up) \$2.99(1-9)

51. SMA Tee F-F-M

#82-187 \$2.69(10up) \$2.99(1-9)

52. SMA Right Angle

#82-188 \$2.39(10up) \$2.69(1-9)

53. BNC Jack-SMA Plug

#82-189 \$2.19(10up) \$2.39(1-9)

54. BNC Plug-SMA Plug

#82-190 \$2.19(10up) \$2.39(1-9)

55. BNC Plug-SMA Jack

#82-191 \$2.19(10up) \$2.39(1-9)

Connector Kits

F Connector Kit

(10) F-59 Crimp
(10) F-56 Crimp
(5) F-59 Twist
(5) Quick F
(5) F Coupler
(5) F-61 Chassis

#FKIT \$5.99

BNC Connector Kit

(5) RG59 Twist
(5) RG59 Crimp
(5) RG58 Crimp
(5) RG58 Twist
(3) BNC Tee
(3) BNC Coupler

#BNCKIT \$11.99

Audio Kit

(2) RCA to 1/4"
(2) RCA to 3.5mm
(2) 1/4" to RCA
(2) 3.5mm to RCA
(2) 3.5mm to 1/4"
(2) 1/4" to 3.5mm

#AUDKIT \$4.99

RCA Kit

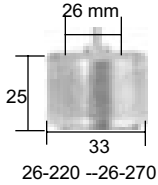
(2) BNC to RCA
(2) RCA to BNC
(2) F to RCA
(2) RCA F Coupler
(2) RCA M Coupler
(2) RCA Crimp

#RCAKIT \$4.99

Mabuchi Motors

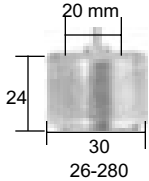
"B" ending=CCW rotation.

"F" ending=CCW rotation.



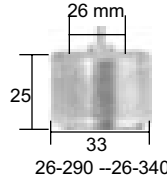
Order #	Motor #	Working V	Rated RPM
26-220	EG530AD-6F	4.2-7.5	2400
26-230	EG530AD-6B	4.2-7.5	2400
26-240	EG530AD-9F	6.0-11.0	2400
26-250	EG530AD-9B	6.0-11.0	2400
26-260	EG530AD-2F	8.4-15.0	2400
26-270	EG530AD-2B	8.4-15.0	2400

Price: **\$4.00** (10 up) **\$4.50** (1-9)



26-280	EG520ED-3BP8.4-15.0	2400
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Price: **\$5.49** (10 up) **\$5.99** (1-9)



2 Speed Motors

26-290	EG530YD-2B	8.4-15.6	2000-4000
26-300	EG530YD-9B	6.3-11.7	2000-4000
26-310	EG530KD-2B	8.4-15.6	1600-3200
26-320	EG530KD-2F	8.4-15.6	1600-3200
26-330	EG530KD-9B	6.3-11.7	1600-3200
26-340	EG530KD-9F	6.3-11.7	1600-3200

Price: **\$6.50** (10 up) **\$6.00** (1-9)

Motor Assortment Kit

Contains 1 each of 8 motors: 26-220, 26-240, 26-260, 26-270, 26-280, 26-290, 26-310, 26-320. Designed to cover most brands. Plastic case.

#MOTORKIT **\$41.95**

CD Spindle Motors

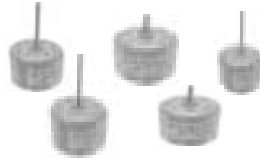
CD Spindle Motors **\$5.49** (10 up) **\$5.99** (1-9)

Mabuchi#	Used By	Shaft	Order#
RF-320CH-10570	PEA1233/PYY1109	.4"	26-100
RF-320CH-10570	Nakamichi OC83432	.4"	26-100
RF-310T-11400-2	Nikko 70102BT214	.62"	26-110
RF-310T-11400-3	Sanyo 6140452105	.75"	26-120
RF-310T-11400-3	Sony X2641348-1	.75"	26-120
RF-310T-11400-3	Teac 57617973-00	.75"	26-120
RF-310T-11400-4	Sansui 48584900	.95"	26-130
RF-310T-11400-4	Nakamichi OC8193	.95"	26-130
RF-310T-11400	Nikko 9KA82A014	.43"	26-140
RF-310T-11400	Goldstar 411-110A	.43"	26-140

CD Spindle Motor Kit

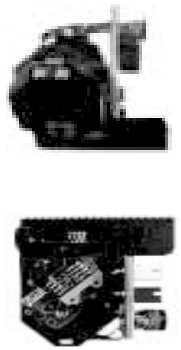
Contains 5 spindle motors to fix 90% of CD players. Save 20% off catalog price.

Order# KIT26 **\$28.95**



CD Pick Ups

Order #	(1-4)	(5 up)
HOP-M3	\$49.95	\$44.95
KSS-168A	\$69.95	\$66.95
KSS-210A	\$21.95	\$19.95
KSS-210B	\$21.95	\$19.95
KSS-212A	\$21.95	\$19.95
KSS-212B	\$21.95	\$19.95
KSS-213B	\$19.95	\$18.95
KSS-240A	\$46.95	\$41.95
KSS-360A	\$59.95	\$55.95
KSS-390A	\$48.95	\$45.95
KSS-2101ADM	\$46.95	\$42.95



CD Square Belt Kit

Contains 5 each of our 6 most popular CD square belts. Comes in a plastic storage case.

Order# KIT8 **\$9.95**



Orchid Monitoring Systems

Orchid MD-502

Contains 5" B/W high res. monitor & 1/3" CCD camera w/ built in microphones & speakers, 60 ft. of cable, UL AC adapter, camera stand, camera clamp stand. Two way talk.

Order# 95-1200 **\$169.95**



Weight 4 lbs.

Other Orchid Systems

5" system w/ weather resistant camera.

Order# 95-1205 **\$199.95**

9" system w/ 4 channel switch built in, two way talk.

Order# 95-1210 **\$259.95**

4" Video Doorphone & Camera

Order# 95-1215 **\$319.95**



Sens. 1 lux
Weight .32 lbs.

60 feet of high quality cable.

UL approved AC adapter

Camera stand

Camera clamp

Orchid Parts / Accessories

Camera Kits

Easily expand your system to 2 cameras.

1/3" CCD & 60' cable.

Order# 95-1220 **\$109.95**

1/3" CCD & 90' cable.

Order# 95-1225 **\$115.95**

Monitors / Parts

7" Monitor w/ A/V input

Order# 95-1235 **\$79.95**

60' / 90' cable

Order# 95-1245/95-1250
\$33.95 / \$39.95



1/3" weather resistant CCD & 60' cable.

Order# 95-1230 **\$119.95**

5" Monitor w/ mic & speaker

Order# 95-1240 **\$72.95**

1/3" CCD Camera

Order# 95-1255 **\$99.95**

Test & Bench Equipment

CapAnalyzer 88A

New! Check any electrolytic capacitor *in circuit* with 100% accuracy in 3 seconds. Checking capacitors has never been easier--no need to desolder and waste time. Unlike some "capacitor checkers," CapAnalyzer 88 is 100% accurate in circuit. Call for a spec sheet today!
Order# CA101 **\$179.00**



LeakSeeker 82B

Touch a probe to a board foil that shows low resistance. LeakSeeker calibrates to the defect's resistance. Touch a pad in one direction or another & LeakSeeker will beep higher or lower to show if you're closer or farther. The highest beep is the source of the defect!
Order# CA102 **\$179.00**



VGA-Plus Monitor Tester

The VGA-Plus tester has a 16 position function dial that lets you diagnose, repair & test all VGA type monitors without a computer--just hook the tester up to the monitor's output cable! Tests purity, blank raster, high voltage, pincushion, convergence, linearity, color balance & sync rate. Includes positions for burn-in functions. Equipped with a power jack for an optional AC adapter or use a 9V battery adapter (included).
#85-800 **\$79.95**



Connection: 15 pin female D-sub.
Power jack: 2.5mm, center positive
Power: 9V (battery/adapter)
Size: 2.25" x 2.18" x .65"

ShortStop Cable Fault Finder

Measures the length of cable, whether on the ground, in the wall, or on the roll. Checks for shorts & opens. Audible indication of shorted wire & high AC voltage. Checks all common cable including coax, 2 wire shielded, twisted multi-pair, & AC wire. Input protected to 250 VAC. >2000 foot range. Accurate to +/- 3%.
Order# CA105 **\$299.00**



25A Adjustable Power Supply

25A continuous, 30A peak.
Adjustable output 0-15 VDC.
Binding post output.
Spring clip terminals.
Lighter jack output.
9 1/4" x 5 3/8" x 8 3/4".



Order# PS-102 **\$129.95**

7A Power Supply

7A continuous, 9A peak.
13.8 VDC fully regulated.
117VAC 60Hz input.
Binding post terminals.
6' power cord.
7 1/8" x 4 1/4" x 8 1/2"



Order# 48-102 **\$49.95**

3A Power Supply

3A continuous, 5A peak.
13.8 VDC fully regulated.
117VAC 60Hz input.
Binding post terminals.
6' power cord.
5 1/2" x 3 1/8" x 5 1/2"



Order# 48-101 **\$25.95**

3.75 Digit Meter w/ Freq, Temperature, Capacitance

Temp. range 0-2000 F. Continuity buzzer & diode test. Range and data hold. 1MHz Frequency counter. Min/Max w/ 100ms capture time. Auto power off & Relative mode. Call for complete specifications.



Order# DM981 **\$117.95**

4000 Count Ergonomic Digital Multimeter

Auto-ranging w/ bargraph. Auto power off. Data hold & relative mode. Continuity beeper & diode test. Current over load beeper. Frequency & capacitance. Call for complete specifications.



Order# DM223 **\$78.95**

Budget Minded 3.5" Digit 2000 Count DMM

Transistor / Diode test. Measures DC to 12A. Resistance to 20 Megaohms. 10 Megaohm input impedance. Continuity buzzer. Low battery indicator. Call for complete specifications.



Order# DM904 **\$47.95**

Pocket Multimeter

7/16" LCD display. Diode & 50 ohm continuity beeper. Voltage 2V-500V DC +/- .5%. Voltage 200V-500V AC +/- 1.2%. Input impedance 1M-ohm. Current 200mA DC +/- 1.5%. Resistance 2K-2M ohms +/- 1%.



#DM-070 **\$18.95**

Pocket Analog Multimeter

DC 0-1000V, AC 0-1000V. DC current 0-250mA. 7 Ranges DC, 4 ranges AC. Mirrored scale reduces parallax. Sensitivity 2000 ohm/volt DC/AC. Complete with leads & manual.



Order# DM119 **\$4.95**

Magnameter

Analyzes magnetron, HV diode, capacitor, and transformer operation- no batteries needed. Works on all makes and models. Detailed instructions included.



Order# 47-501 **\$149.95**

Diode/Transistor Tester

Checks transistors & diodes *in circuit*. Identifies NPN or PNP transistors. Checks small or large power types.



Order# CA106 **\$46.95**

RS-232 Mini Tester

Seven 2 color LEDs check status of TD, RD, RTS, CTS, DSR, CD, & DTR data lines. Connects directly to cable, fits in pocket!



Order# 85-801 **\$11.95**

RS-232 Check Tester

Nine 2 color LEDs check status of TD, RD, RTS, CTS, DSR, CD, & DTR data lines. More detailed results than the Mini-Tester.



Order# 85-802 **\$12.95**

Telephone Line Tester

Fast indication & condition of the phone line from the user's telephone to the line location. Analog readout.



Order# CA113 **\$37.95**

Logic Probe & Pulser

Troubleshoot & analyze logic circuits. Probe- input impedance 120Kohm, max 50Mhz freq. response, 10 ns pulse width. Pulser- pulse rate .5/400Hz, pulse width 10ms, input impedance 1M ohm.



Order# CA116 **\$34.95**

Pre-Amp Controller

Left & right channels can be individually adjusted to check for audio output distortion. No battery or power source needed. RCA audio in & RCA audio out jacks.



Order# CA117 **\$29.95**

Video Head Tester

Three measure ranges. Determines worn or defective heads. Test leads, case & stand included. For VHS.



Order# CA112 **\$64.95**

Circuit Tester

UL listed. AC/DC 80-500 Volts. Bright neon indicator, pocket clip, insulated case.



Order# CA114 **\$4.95**

AC Receptacle Tester

UL listed. Gives instant display or wiring conditions of any standard 3 wire 100VAC outlet.



Order# CA115 **\$8.95**

Test Equipment Kits

ESR Meter Kit

Components, case, hardware, prepunched silk screened front panel, red window for display readout. Test leads not included. Range: .01 to 99 ohm. Peak voltage 100mV.



#CA103 \$49.95

Flyback/LOPT Kit

Find faults in line output or flybacks and other HF wound components. 8 LED display. Includes components, case, hardware, prepunched & screened front panel. Leads not included.



#CA104 \$39.95

Diode & Transistor Tester Kit

Checks transistors & diodes in circuit. Identifies NPN or PNP transistors. Checks small or large power types.



#CA106K \$29.95

Function Generator Kit

Sine, square, & sawtooth waveforms, continuously variable to 1MHz. Amplitude adjustable. Complete parts, case & extensive training manual included.



#CA107 \$44.95

Full Function DMM Kit

3 1/2 display. 34 ranges for capacitance, transistor testing, diode testing. 20A AC/DC current. Overload protected.



#CA108 \$59.95

DMM Kit

3 1/2 digit LCD. 18 ranges. Transistor & diode test. Overload protection. Pocket size. Includes test leads & manual.



#CA109 \$39.95

Color Bar Generator Kit

Ten solid patterns including gated & full color rainbow. RF & video output. Portable battery or AC adapter operated.



#CA110 \$94.95

Logic Probe Kit

Audible sound for signal detection in logic circuits. Displays high/low logic levels & voltage transients down to 10 nanoseconds. High intensity LED readout.

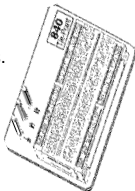


#CA111 \$19.95

Breadboards

840 Tie-Point

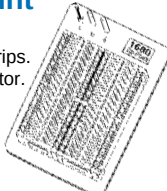
1/10" grid. Red/blue polarity strips. ABS polymer insulator. 2 distribution strips. 1 terminal strips. 3 binding posts.



Order# 53-099 \$12.99

1680 Tie-Point

1/10" grid. Red/blue polarity strips. ABS polymer insulator. 4 distribution strips. 2 terminal strips. 3 binding posts.



Order# 53-100 \$16.99

2420 Tie-Point

1/10" grid. Red/blue polarity strips. ABS polymer insulator. 5 distribution strips. 3 terminal strips. 4 binding posts.



Order# 53-101 \$22.99

3260 Tie-Point

1/10" grid. Red/blue polarity strips. ABS polymer insulator. 7 distribution strips. 4 terminal strips. 4 binding posts.



Order# 53-102 \$29.99

Fuses/Fuse Kits

AGC Type Fuse 250V

Normal blow fuse. Available values: .5A, .75A, 1A, 1.5A, 2A, 2.5A, 3A, 4A, 5A, 6A, 7A, 8A, 10A, 15A, 20A, 30A.



Order# AGC(value)
49¢ box of 5

GJV Type Fuse 250V

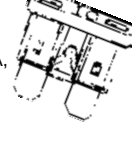
Pigtail AGC solder type. Available values: .5A, .75A, 1A, 1.5A, 2A, 2.5A, 3A, 4A, 5A, 6A, 7A, 10A.



Order# GJV(value)
49¢ box of 5

ATC Type Fuse

Auto type fuse. Available values: 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A.



Order# ATC(value)
89¢ box of 5

AGC/GMA Fuse Kit

Kit contains 180 fuses ranging from .5 to 6 A. Includes 10 pcs of each.



Order# KIT16
\$17.95 per kit

MDL Type Fuse 250V

Slow blow fuse. Available values: .5A, 1A, 1.5A, 2A, 2.5A, 3A, 4A, 5A, 6A, 7A, 8A, 10A.



Order# MDL(value)
\$1.39 box of 5

ABC Type Fuse 250V

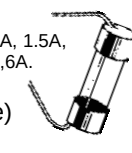
Microwave oven/ceramic. Available values: 10A, 12A, 15A, 20A.



Order# ABC(value)
\$1.19 box of 5

GMP Type Fuse 250V

GMA type with pigtails. Available values: .5A, 1A, 1.5A, 2A, 2.5A, 3A, 3.5A, 4A, 5A, 6A.



Order# GMP(value)
59¢ box of 5

PICO Fuse Kit

Kit contains 42 PICO fuses. Includes 3 pcs of each value.



Order# KIT16P
\$21.95 per kit

GMA Type Fuse 250V

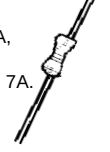
Normal blow. 5mm x 20mm. Available values: .5A, 1A, 1.25A, 1.5A, 1.6A, 2A, 2.5A, 3A, 3.15A, 3.5A, 4A, 5A, 6A, 7A, 8A, 10A.



Order# GMA(value)
59¢ box of 5

PICO Type Fuse 125V

PCB mounted. Available values: 1/8A, 1/4A, 3/8A, 1/2A, 3/4A, 1A, 1.5A, 2A, 2.5A, 3A, 3.5A, 4A, 5A, 7A.



Order# PICO(value)
69¢ each

ABC Fuse Kit

Kit contains 40 ABC fuses. 10 pcs of 10A, 12A, 15A, 20A.



Order# KIT16C
\$8.95 per kit

ATC Fuse Kit

Kit contains 60 ATC fuses. Includes 10 pcs of 6 values.



Order# KIT16A
\$11.95 per kit

GMA Fuse Kit

5 each of 16 values of GMA fuses from .5A to 10A.



Order# KIT17G
\$8.95 per kit

AGC Fuse Kit

5 each of 16 values of AGC fuses from .5A to 30A.



Order# KIT17A
\$8.95 per kit

GMP Fuse Kit

5 each of 10 values of GMP fuses from .5A to 30A.



Order# KIT17P
\$5.95 per kit

MDL Fuse Kit

5 each of 12 values of MDL fuses from .5A to 10A.



Order# KIT16M
\$14.95 per kit

Maintenance Kits

Playstation Mechanism Repair/Rebuild Kit

Most Playstation CD mechanisms don't need to be replaced, just refurbished! Often, replaceable parts within the mechanism wear down, causing a misalignment of the optics that makes the unit unable to read discs. This kit contains all the materials needed to refurbish the CD mechanism, along with instructions.



#KSM-440PRK **\$4.95** (10 UP) **\$5.95** (1-9)

Power Supply Cap Kit

Contains (2) 6.3v220, 16v47, (2) 25v330, 50v1, 50v2.2, (2) 50v10, 250v4.7. Fits NAP, Panasonic, Quasar, Sylvania, more.



Order# 80-110 **\$4.99**

RCA Regulator Kit #231523

Replaces common failure items in the CTC185 chassis. Kit contains (1) 231523 (Q4114) regulator w/ insulator, (1) 227362 (CR4111), (2) 176296 (CR4112 & 4113), (1) 184980 (R4136 resistor), (1) 231525 (U4103) & (1) 232208 (C4106 .47uf). Also contains detailed installation instructions.



#231523 **\$6.99**

Funai/Symphonic Sensor Kit

(1) Center emitter (Funai #QPQSSLR938CV, Symphonic #SLR-938CV-7) & (2) end sensors (Funai #QP4B0ST316R2, Symphonic #ST-316R2-B) Also fits NAP.



Order# 80-111 **\$5.29**

Panasonic VCR G Chassis Upgrade Kit

In these and many other VCRs, the plastic guide assembly tab often breaks, even with normal use. This kit allows you to upgrade the carriage without buying the entire, expensive part. Kit contains enough materials to upgrade five carriages, as well as complete instructions.



#SD920 **\$9.95**

Sony Power Supply Kit

Common repair for many Sony chassis types. Kit includes (1) 2SC4927, (2) 2SC 4834, (1) 1/2W .1 ohm fusible resistor.



Order# 80-112 **\$9.95**

Premiere Flashlights

Continuum 2000 LED Flashlight

Outlasts normal flashlights by up to 480 times! Ultra bright, white LED bulb produces a clean, focused beam. Using 2 AA batteries, this penlight provides over two months of continuous, usable light. ABS plastic, water-proof to 30 feet. Bulb life of 100,000 hours.



#SD913 **\$19.95**

Continua 2000 LED Penlight

Outlasts normal penlights by up to 120 times! Ultra bright, white LED bulb produces an intense, clean, focused beam. Using only 2 AAA batteries, this penlight provides over two weeks of continuous, usable light. Aluminum body, pocket clip. Bulb life 100,000 hours.



#SD912 **\$17.95**

Quantam 2000 LED Flashlight

Durable rubber construction, weatherproof floats in water. 50 hours of bright light on just 4 AA batteries. Push on/off button. Shock resistant. Replacement bulb and batteries included. 4AA alkalines or rechargables. Ultra bright white LED light.



#SD922 **\$34.95**

Keytinua 2000 LED Keylight

Bulb life 100,000 hours. Ultra bright white LED bulb is perfect for illuminating locks and other small areas. Unit is push activated. Metal keyring secures keylight. Replaceable button battery is included. Blue w/ metal keyring.



#SD911 **\$9.95**

Multimeters

3.75 Digit Meter w/ Freq, Temperature, Capacitance

Temp. range 0-2000 F. Continuity buzzer & diode test. Range and data hold. 1MHz Frequency counter. Min/Max w/ 100ms capture time. Call for complete specifications.



Order# DM981 **\$117.95**

4000 Count Ergonomic Digital Multimeter

Auto-ranging w/ bargraph. Data hold & relative mode. Continuity beeper & diode test. Frequency & capacitance. Call for complete specifications.



Order# DM223 **\$78.95**

3.5" 2000 Count DMM

Transistor / Diode test. Measures DC to 12A. Resistance to 20 Megaohms. 10 Megaohm input impedance. Continuity buzzer. Low battery indicator. Call for complete specifications.



Order# DM904 **\$47.95**

Pocket Multimeter

7/16" LCD display. Diode & 50 ohm continuity beeper. Voltage 2V-500V DC +/- .5%. Voltage 200V-500V AC +/- 1.2%. Input impedance 1M-ohm. Current 200mA DC +/- 1.5%. Resistance 2K-2M ohms +/- 1%.



#DM-070 **\$18.95**

Pocket Analog Multimeter

DC 0-1000V, AC 0-1000V. DC current 0-250mA. 7 Ranges DC, 4 ranges AC. Mirrored scale reduces parallax. Sensitivity 2000 ohm/volt DC/AC. Complete with leads & manual.



Order# DM119 **\$4.95**

DMM Kit

3 1/2 digit LCD. 18 ranges. Transistor & diode test. Overload protection. Pocket size. Includes test leads & manual.



#CA109 **\$39.95**

Sale Items

Square & Flat Belt Blowout!!!

SBS Belts .03 (50 UP) .05 (1-49)

Thickness .046" or 1.2 mm

Order #	Order #	Order #	Order #
SBS4.4	SBS8.2	SBS10.0	SBS15.0
SBS4.65	SBS8.4	SBS10.8	SBS15.3
SBS5.1	SBS8.6	SBS12.2	SBS15.7
SBS5.4	SBS8.7	SBS13.6	SBS16.0
SBS7.1	SBS9.0	SBS14.0	
SBS7.5	SBS9.5	SBS14.7	

SBT Belts .03 (50 UP) .05 (1-49)

Thickness .051-.057"

SBT6.3	SBT9.0	SBT9.6
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SBM Belts .03 (50 UP) .05 (1-49)

Thickness .062-.070"

SBM3.6	SBM13.0	SBM14.5
SBM9.8	SBM13.6	

SBL Belts .03 (50 UP) .05 (1-49)

Thickness .075"-.079"

SBL4.44	SBL6.5	SBL8.2	SBL17.7
SBL4.8	SBL7.8	SBL12.5	

Square Belt Assortment Kit

50 or 100 assorted square belts. Bulk.

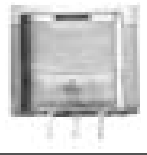
50 belts	#29-200	\$6.99
100 belts	#29-200A	\$13.50

RCA Original F Connector



#215543 \$1.29

Sony Horizontal Drive Transformer



Sony #1-437-195-11

#143719511 \$9.95

Temperature Controlled Solder Station



Adjustable- 300-790 F.
Overheat protection w/
temperature control.
Grounded tip for static
sensitive devices. Linear LED
display. Grounded terminal/cord.

#SD150 \$69.95

Emerson Mode Switch



#0520244002 \$3.29

Goldstar Post



#435-450A \$2.99

Emerson Mode Switch



#0520244003 \$3.29

Goldstar Lever



#333-201B \$1.29

Idler Tire Blowout!!! All tires on this page .10 each

Order #	Dimensions
400-22	1.230 OD, 1.030 ID, .140 W
400-29	1.152 OD, .922 ID, .100 W
400-30	1.218 OD, .958 ID, .115 W
400-50	1.230 OD, .990 ID, .125 W
400-010	1.360 OD, 1.140 ID, .160 W
400-020	1.360 OD, 1.126 ID, .117 W
400-030	1.160 OD, .910 ID, .187 W
400-040	.753 OD, .543 ID, .158 W
400-050	1.160 OD, .910 ID, .115 W
400-070	1.014 OD, .744 ID, .140 W
400-080	.685 OD, .495 ID, .130 W
400-110	1.460 OD, 1.216 ID, .125 W

Order #	Dimensions
400-130	1.211 OD, .881 ID, .120 W
400-140	1.014 OD, .744 ID, .155 W
400-160	1.370 OD, .964 ID, .125 W
400-210	1.170 OD, .950 ID, .100 W
400-260	1.180 OD, .955 ID, .190 W
400-270	.688 OD, .558 ID, .124 W
400-280	1.445 OD, 1.189 ID, .118 W
400-285	.987 OD, .733 ID, .120 W
400-290	1.264 OD, 1.070 ID, .119 W
400-295	.449 OD, .327 ID, .102 W
400-310	1.014 OD, .744 ID, .114 W
400-410	1.420 OD, 1.090 ID, .155 W

Closeout Items / Specials*

Original Tuner

#UVE30-A14
Originally \$50.00



#UVE30 \$5.00

RCA Focus Tool

Clear plastic design
with offset tip.



#FOC1 \$1.00

Flyback Special

TFB-176G \$4.00
3220008 \$4.00
154-138N \$4.00



Sharp Mode Switch

#QSW-R0019GEZZ
Originally \$9.95.
#R0019 \$3.99



Panasonic Pinch Roller

The most popular roller
for both commercial &
professional decks.

Panasonic #VXL1371.

#70-130A \$2.50



Outside diam. 18mm
Height 23mm
Inside diam. 3mm

Sharp Parts

#MLEVP0195GEZZ
Order# P0195
#JBTN-0117TASA
Order# N0017T

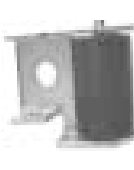
\$3.35 each



Sony Roller Kit

#X-3679-264-1
Includes spring & washer.
Originally \$7.95.

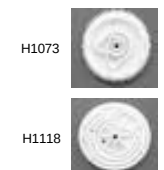
#70-275 \$2.50



Sharp Gears

#NGERH1073GEZZ
H1073
#NGERH1118GEZZ
H1118

\$1.00 each



Wall Plate w/ RJ11

F-81 w/ RJ-11, Ivory.

53-084

\$4.49 each



Camcorder Light

15 watt halogen. Universal
connect plate. 5 LED battery
indicator.

#45-103 \$4.99



Sony Photo Sensor Kit

Sony #A-6759-480-B
Originally \$11.95.

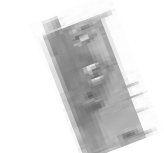
#A6759480 \$3.99



Emerson RF Modulator

#MDF8-VA3422

\$5.95 each



Order# 66-111 Fisher #1430490400900 99¢	Order# 66-157 Fisher #143-0-741T-20001 \$1.99	Order# 66-170 RCA #150650 50¢	Order# 66-171 Fisher #1430662T01201 99¢	Order# 66-172 Fisher #1430662T01202 99¢	Order# 66-173 Fisher #1430662T10350 99¢	Order# 66-174 Fisher #1430741T20001 50¢
Order# 66-117 Sharp #NPLYV0051 50¢	Order# 66-175 Fisher #143-0-741T-20001 50¢	Order# 66-167 Hitachi #6413114 50¢	Order# 66-168 JVC #PU46381 50¢	Order# 66-169 JVC #PU47752 50¢	Order# 66-138 Funai #8000-12-304 50¢	Order# 66-105 Sharp #NIDL0005GEZZ 50¢

Sale Items

CD Parts

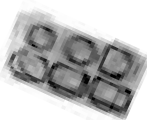


Sony CD Pickups

#KSS-210A \$22.95
#KSS-210B \$22.95
#KSS-213B \$19.95

CD Square Belt Kit

Contains 5 each of our 6 most popular CD square belts. Comes in a plastic storage case.



Order# KIT8 \$8.95

Maintenance Supplies

Microfiber Magic Cloth

For cleaning electronics. Attracts dirt, grease, oil. Absorbs 7 times its weight. 7" by 7". Fully reusable.



#20-487 \$2.49

Chamois Swab 100 pack

Straight stick. Safe cleaning of all electronic equipment.



#20-478A \$23.99

Repair/Service Forms

Electronic Repair Tie Tag

100 per box. 3 section manilla tag. Tie to equipment.

Order# 107-801

\$7.79(10up) \$8.19(1-9)



Electronic Repair Form

100 per box. 3 part carboned form. Tear off claim check and equipment tag. Section for on-site service info. included.



Order# 107-528 \$13.99 (5 up) \$14.50 (1-4)

Service Software



Quick Tips 93,300 TV, 41,430VCR/camcorder, 13,100 audio, & 6,266 monitor repair tips assembled from repair histories of over 500 service centers.

You can search by model number, then by problem description. Also included is a manual cross reference for over 5000 models of VCR, TV, & monitors. IBM compatible, CD-ROM only. Requires Windows 3.1 or later, 50 Mb hard drive space or run from the CD.

#56-400 \$129.95



Windows Semi-Cross

Includes the following:

16,500 IC Pin Layouts- Description of each pin. Some entries contain voltage readings & you can edit/add your own, or print for later reference. **IC (59,400), Transistor (134,000), & Diode (79,400) Cross Reference.** Includes manufacturer's & generic part numbers. Windows 95/98, CD-ROM. Run from CD or install to hard drive (40 Mb).

#56-430 \$49.95

Satellite Accessories

Multi-Switchers

Dual control multi-receiver switches for DSS, or C/KU band installations. Connects two LNB inputs and off-air TV antenna input to 2 or 4 satellite receivers. Built in amp. Impedance to 75 ohm. Frequency 40-2150 MHz. DC pass-through 500 mA max. 5"(W) x 3"(H) x 1 1/8"(D).



3x4 Multi-switcher #45-627 \$36.95

3x8 Multi-switcher #45-628 \$79.95

RG6 F Plug Crimp

O-Ring seal. 2 Piece die-cast. Anti-corrosion chromate plating.

#34-001 \$2.25



RG6 Weatherproof

O-Ring water seal. Silicone gel seal. Precision machined brass. Anti-corrosion chromate plating.

#34-002 \$4.49

Solder Supplies

30 Watt

Pencil Iron

110 VAC.

#SD102 \$1.29



High Grade Solder

1 lb. spool of 60/40. Diameter 1.0mm.

#84-155 \$5.79



Helping Hands

Weighted base. Metal construction. Full swivel clips.

#SD109 \$5.49



Solder Iron Stand

Replaceable sponge. Metal w/ plastic base.

#84-180 \$3.39



Universal Remote Controls

Zenith ZEN300

3 way- TV/VCR/Cable. Code search, previous. Retail packaged.

#45-200 \$6.99



Zenith ZEN450

TV/VCR/Cable/Aux. Code search, previous, menu. Retail packaged.

#45-203 \$10.99



Zenith ZEN700

7 way- TV/VCR/DSS/ Cable/Aux., more. Code search, previous, MENU, more. Retail packaged.

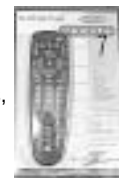
#45-205 \$13.99



Zenith ZEN725

7 way- TV/VCR/DSS/ Cable/Aux., more. Code search, previous, MENU, more. Glowing buttons.

#45-206 \$13.99



Test Equipment

VGA-Plus Monitor Tester

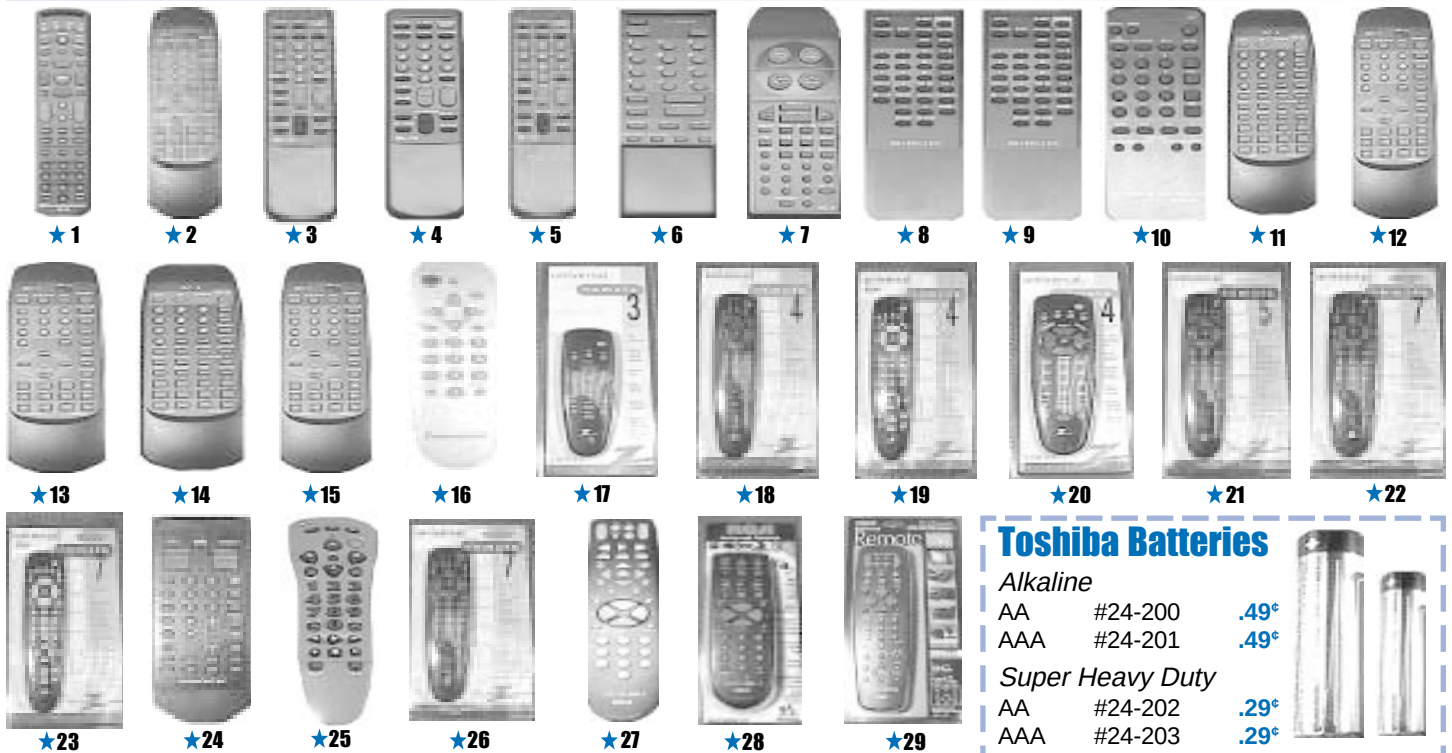
The tester has a 16 position function dial that lets you diagnose, repair & test all VGA type monitors without a computer-- just hook the tester up to the monitor's output cable! Tests purity, blank raster, high voltage, pincushion, convergence, linearity, color balance & sync rate. Includes positions for burn-in functions. Equipped with a power jack for an optional AC adapter or use a 9V battery adapter (included).



Connection: 15 pin female D-sub.
Power jack: 2.5mm, center positive
Power: 9V (battery/adapter)
Size: 2.25" x 2.18" x .65"

#85-800 \$74.95

Remote Controls



Toshiba Batteries

Alkaline

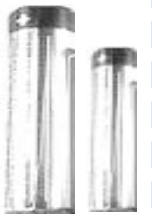
AA #24-200 .49¢

AAA #24-201 .49¢

Super Heavy Duty

AA #24-202 .29¢

AAA #24-203 .29¢



Remotes Descriptions & Pricing

1. General Instr. XRC100

TV, VCR, Cable, Aux. Works on digital cable boxes. Menu, page, last, guide, PPV functions.

#45-232 **\$6.99**(6up) \$7.99(1-5)

2. Sony RM-Y136A

Universal for Sony TVs. Menus, PIP. A/V window. Sleep, more.

#45-236 **\$21.99**(6up) \$22.99(1-5)

3. Sony RM-768

Universal for Sony TVs. TV/Video/Cable. A/V window. Sleep, more.

#45-222 **\$9.29**(6up) \$9.99(1-5)

4. Sony RM-Y123

Universal for Sony TVs. TV/Video/Cable. A/V window.

#45-231 **\$9.29**(6up) \$9.99(1-5)

5. Sony RM-Y119

Universal for Sony TVs. Menu, PIP, auto prgm, sleep, more.

#45-237 **\$15.49**(6up) \$15.99(1-5)

6. Hitachi CLU-600PR

Universal for Hitachi TVs. TV/Video/Cable. A/V window.

#45-225 **\$9.29**(6up) \$9.99(1-5)

7. Philips RC-P

Universal for Philips TVs. TV/AV/PIP. Sleep & menu.

#45-226 **\$9.29**(6up) \$9.99(1-5)

8. Mitsubishi RC-109C

Menu including PIP. Universal.

#45-235 **\$15.49**(6up) \$15.99(1-5)

9. Sharp G0895CESG

Universal for Sharp TVs. TV/Video. Sleep, flashback, scan, more.

#45-224 **\$9.29**(6up) \$9.99(1-5)

10. Toshiba RC-9995

Universal for Toshiba TVs. TV/Video. Program & audio functions.

#45-223 **\$9.29**(6up) \$9.99(1-5)

11. RCA RC-A

Universal for RCA TVs. TV/Video/PIP. Menu, timer, setup, display.

#45-239 **\$9.29**(6up) \$9.99(1-5)

12. Samsung RC-AA59

Universal for Samsung TVs. Menu, PIP, auto prgm, sleep, more.

#45-238 **\$9.29**(6up) \$9.99(1-5)

13. JVC RM-C626

Universal for JVC TVs. Menu, captions, display, recall, more.

#45-239 **\$9.29**(6up) \$9.99(1-5)

14. Sanyo/Fisher

Universal for Sanyo/Fisher TVs. Menu, display, recall, mode, more.

#45-240 **\$9.29**(6up) \$9.99(1-5)

15. Zenith RC-Z

Universal for Zenith TVs. TV/VCR. Menu, flashback, adjust.

#45-234 **\$9.29**(6up) \$9.99(1-5)

16. Quasar/Panasonic

Universal for Quasar/Panasonic TVs. Video, recall, sleep, more.

#45-241 **\$9.29**(6up) \$9.99(1-5)

17. Zenith ZEN100 3 in 1

TV/VCR/Cable. Code search, previous. Retail packaged.

#45-200 **\$8.49**(6up) \$8.99(1-5)

18. Zenith ZEN400 4 in 1

TV/VCR/Cable/Aux. Code search, previous. Retail packaged.

#45-201 **\$10.49**(6up) \$10.99(1-5)

19. Zenith ZEN425 4 in 1

TV/VCR/Cable/Aux. Code search, previous. Light up display.

#45-202 **\$14.49**(6up) \$14.99(1-5)

20. Zenith ZEN450 4 in 1

TV/VCR/Cable/Aux. Code search, previous, menu. Retail packaged.

#45-203 **\$14.49**(6up) \$14.99(1-5)

21. Zenith ZEN500 5 in 1

TV/VCR/Cable/Aux/DSS. Code search, previous. Menu.

#45-204 **\$16.49**(6up) \$16.99(1-5)

22. Zenith ZEN700 7 in 1

TV, VCR, Cable, 3 Aux, DSS. Code search, previous, closed captions, full VCR function pad, more. Will operate most on screen menus including PIP.

#45-205 **\$18.49**(6up) \$18.99(1-5)

23. Zenith ZEN725 7 in 1

TV/VCR/Cable/3 Aux/DSS. Code search, previous. Menu. Glowing display.

#45-206 **\$19.49**(6up) \$19.99(1-5)

24. Primestar 3 in 1

TV/VCR/Cable. Menu. Flashback, SAT/TV, view, more.

#45-208 **\$6.49**(6up) \$6.99(1-5)

25. Magnavox REM340

6 in 1 remote. Operates TV, VCR, audio, cable, CD, aux.

#45-242 **\$9.29**(6up) \$9.99(1-5)

26. Alegro MBC4035

7 in 1. Controls most types of equipment. Menu, PIP, more.

#45-243 **\$17.99**(6up) \$18.99(1-5)

27. RCA RCUSAT1

TV, VCR, Satellite, Aux. Menu, PIP, DSS, code search, more.

#45-216 **\$13.95**(6up) \$14.95(1-5)

28. RCA RCU1400 4 in 1

TV, VCR, Satellite, Cable, Aux. Menu, DSS, code search, more.

#45-215 **\$9.45**(6up) \$9.95(1-5)

28. RCA RCU500 5 in 1

TV, VCR, Satellite, Audio, Cable, Aux. Menu, PIP, DSS, code search, more.

#45-217 **\$13.95**(6up) \$14.95(1-5)

Chemicals

Cleaners

Head Cleaner II

Formulated for video use. Quick evaporation-no residue. 8 oz. reclosable bottle. Liquid. Chemtronics.

#20-508 \$6.99



Electro Wash

Cleans without scrubbing. Evaporates quickly-no residue. 12.5 ounce can. Chemtronics.

#20-122* \$11.95



Cleaner/Lubricator

Cleans/lubes contacts, tuners, switches, servos and more. 14 oz. can. MG Chemicals.

#21-401* \$7.69



Tun-O-Wash

Cleans and degreases. Great for switches/contacts. 12.5 oz. spray can. Chemtronics.

#20-507* \$13.50



Cleaner w/ Silicone

Nonconductive- safe on plastics. Cleans & lubricates most equipment. MG Chemicals.

#21-404* \$7.99



Cleaners

Liquid Cleaner

Cleaner for video/audio heads, disc drives, more. Static free, plastic safe. 8 oz. liquid. MG Chem.

#21-407 \$5.49



Electrosolve

Heavy duty cleaner w/ no residue. 12 ounce can. Nonconductive & noncorrosive. MG Chem.

#21-409* \$7.99



Isopropanol

Removes flux, light oils, etc. 12 oz. pump bottle. FLAMMABLE. MG Chemicals.

#21-824* \$4.99



Safety Wash

General cleaner/degreaser. 14 oz. can-ozone safe. No residue- static free. MG Chemicals.

#21-405* \$6.99



Head Cleaner

Used for general purpose audio head cleaning. Denatured alcohol. 2 fl. oz. GC Electronics.

#20-491 \$2.99



Greases/Oils

Precision Oiler

High quality instrument oil. Tube extends and retracts. 1/2 fl. ounce (15ml). GC Electronics.

#20-593 \$2.99



Silicone Compound

1 oz. clear formula. Seals & insulates. Prevents water penetration/corrosion.

#20-494 \$1.99



Tunerlub

High frequency contact lube. Protects against oxidation & corrosion. 1.75 oz. tube.

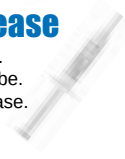
#20-495 \$2.99



Lubricating Grease

Plastic syringe applicator. Great general purpose lube. 6 ml. of hydrocarbon grease.

#20-489 \$2.95



Molybdenum Grease

Heavy duty lubricant. Great for VCR chassis. 1 oz.- black in color.

#20-493 \$3.29



Greases/Oils

Lubricating Oil

Highly refined natural oil. Great general purpose lube. 4 ounce bottle w/ spout. GC Electronics.

#20-488 \$3.49



Silicone Sealant

3 oz. Non-corrosive, good adhesive & dielectric properties. Resists electrical tracking.

#20-498 \$3.99



Heat Sink Compound

High performance grease. Net weight. 5 oz. (28g). Chemtronics.

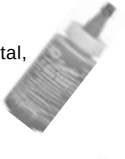
#20-127 \$11.99



Graphite Lube

Dry powder. Ideal for metal, wood, plastic, rubber. 1 1/8" oz. bottle. GC.

#20-496 \$2.69



Chemical Injector

Needle type w/ rubber bulb. 1 oz. vial w/ screw on cap. Ideal for cleaners & oils.

#20-497 \$2.29



Flux / Flux Remover

Flux Remover

Removes all types of organic flux. Residue & static free. Great for PC boards. MG Chemicals.

#21-414* \$7.99



Solder Flux

Completely non-corrosive. Rosin in alcohol. Safe for all equipment. GC Electronics.

#52-101 \$2.99



Rubber Renewers/Adhesives/Coatings

Rubber Non-Slip

For belts, tires, rollers or any rubber products. 2 oz. bottle w/ brush. GC Electronics.

#52-108 \$2.99



Rubber Renue

Excellent rubber restorer. Removes oxidation film. 8.5 oz. bottle. MG Chemicals.

#21-408 \$6.49



Rubber Renue

Excellent rubber restorer. Removes oxidation film. 3.5 oz. bottle. MG Chemicals.

#21-408A \$3.95



Liquid Tape

Replaces insulating tape. Water & oil proof. 2 oz. bottle. GC Electronics.

#21-499 \$4.99



Corona Dope

Lacquer coating to improve insulative & weather resistant properties of wiring. GC. 2 oz.

#52-103 \$3.99



Cold Spray / Duster

Super Cold 134+

Chills to -60 F. 10 oz. can w/ variable flow. Non flammable formula. MG Chemicals.

#21-403* \$5.99



Super Dust 134+

Removes microscopic particles. 10 oz. can w/ 70 psi. Zero residue formula. MG Chemicals.

#21-402* \$5.99



Micro Bond III

Formulated for plastic. Fast permanent repair. .10 ounce tube. Chemtronics.

#20-502 \$1.99



Epoxy Super Glue

Cements non-porous materials. Over 3000 psi bond. Two .75 oz. tubes. GC Electronics.

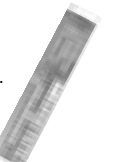
#52-109 \$3.49



Epoxy Putty

2 part- cut off desired amount & knead together. Works well under water. 4 oz. tube.

#52-104 \$5.99



Service Cement

Quick drying & waterproof. Bonds porous/non-porous. 2 oz. bottle with brush. GC Electronics.

#20-492 \$2.99



GC Bond

Watertight, flexible bonds. Sticks well to metal or glass as well as most other materials. GC. 2 oz.

#52-102 \$3.99



Miscellaneous Chemicals

Projector Cooling Fluid

Heat transfer fluid that is compatible with all major brands. High purity. Easy to use container. MG Chemicals. 8 oz.

#21-803 \$5.79



GC Bond

Watertight, flexible bonds. Sticks well to metal or glass as well as most other materials. GC. 8 oz.

#52-109A \$6.99



Label/Adhesive Remover

Quickly & easily remove label /glue residue from most surfaces with minimal scrubbing. 5 oz. MG Chemicals.

#21-836* \$4.99



Anti-Seize Compound

Resists seizing & corrosion on threaded surfaces, up to 2100 F. Use on solder iron tips, metal threads. 1 oz. tube. GC Electronics.

#52-107 \$3.99



Maintenance Supplies

Chamois Type Swabs

For safe cleaning of all electronic equipment. Made with angled tip.

10 Pack-# 20-477

\$2.99 each

100 Pack-#20-477A

\$27.95 each



Chamois Swabs

For safe cleaning of all electronic equipment. Real chamois.

10 Pack-# 20-478

\$2.99 each

100 Pack-# 20-478A

\$26.95 each



Foam Tip Swabs

Highly absorbent/lint free. 50 or 500 packs.

50 Pack-Order# 20-485

\$5.49 each

500 Pack-Order# 20-486

\$49.90 each



Long Handled Cotton Swabs

6" wooden sticks. Great for applying grease. 100 per pack-single ended.

Order# 20-480

95¢(10up) **\$1.29**(1-9)



Lint-Free Wipes

High liquid retention. Non-abrasive. 7" by 13". 30 per package.

#20-483 **\$3.79**



Cotton Lint-Free Wipes

High liquid retention. REUSABLE. 15" x 15". 10 per package.

#20-484 **\$4.29**



Chemical Brushes

Tin plated steel handles with horse hair bristles. (4) 3/8" brushes. Soft, durable bristles.

#20-468 **\$1.99**



Bristle Brushes

7 3/4" wood handle. Dry or wet use. Long life.

Steel #20-470 **\$2.99**

Hoghair #20-472 **\$2.99**



Microfiber Magic Cloth

For cleaning electronics. Attracts dirt, grease, oil. Absorbs 7 times its weight. 7" by 7". Fully reusable.

#20-487 **\$2.49**

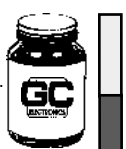


Burnishing Kit

Great for general contact cleaning. 2 fl oz. Includes 1 .250" tool.

Order# SD9339

\$3.50(10up) **\$3.99**(1-9)



Cleaning Kit

10 chamois swabs, 6 foam swabs, 10 cotton swabs, hydrocarbon grease, head cleaner.

Order# KIT300 **\$10.95**



Cleaning Swab Kit

1 pack straight & curved tip chamois swabs, 1 pack foam swabs, 1 pack cotton swabs. 170 total swabs.

Order# SWABKIT **\$10.99**



TEKNIX Repair Shopsigns™



Description

Satellite Installation
Appliance Repair
Camcorder Repair
Microwave RepairSGN8
VCR Repair
VCR/TV Repair
Nintendo Repair
TV Repair
Video Game Repair

Order#

SGN5
SGN6
SGN7
SGN10
SGN11
SGN12
SGN14
SGN15

Description

Tape Duplication
Computer Monitor Repair
Authorized Warranty Center
Computer Repair
We Service All Brands
Antenna Installation
Electronic Equipment Service
In Home Service Available

Order#

SGN16
SGN17
SGN18
SGN19
SGN20
SGN21
SGN22
SGN23

Price \$17.95 (1-2)

\$14.95 (3 up)

Signs are 22" x 30".
Gold lettering on blue vinyl.

Grommets for easy hanging.
Mix/Match for best price.

Accessories/Technician Aids

Continuum 2000 LED Flashlight

Outlasts normal flashlights by up to 480 times! Ultra bright, white LED bulb produces a clean, focused beam. Using 2 AA batteries, this penlight provides over two months of continuous, usable light. ABS plastic, waterproof to 30 feet. Bulb life of 100,000 hours.

#SD913 **\$19.95**



Continua 2000 LED Penlight

Outlasts normal penlights by up to 120 times! Ultra bright, white LED bulb produces an intense, clean, focused beam. Using only 2 AAA batteries, this penlight provides over two weeks of continuous, usable light. Aluminum body, pocket clip. Bulb life 100,000 hours.

#SD912 **\$17.95**



Capacitance Meter

Capacitance from 0.1pF - 2000uF on 8 ranges. 3 1/2" digit LCD with auto decimal. 8 side mount slide switches for easy, one-handed operation. Contains leads, booted red & black clips, battery, fuse, tilt stand.

#CM-108 **\$74.95**



Table Vise

Jaw width is 2.4", maximum opening of 2". Clamps to any surface up to 1" thick. Metal construction.

#SD914 **\$9.95**



Hex Key Kit

30 piece hex key set in a plastic case. Kit contains 15 standard hex keys (up to 3/8") & 15 metric (up to 10mm).

#SD916 **\$16.95**



Lighted Screwdriver Set

Lighted handle illuminates dark places. (2 AAA batteries). 18 piece bits, 7 sockets, 1/4" adapter, carrying case.

#SD919 **\$13.49**



Super Drill Set

5 high speed drills, 5 brass collets, 4 grind stones, 1 super thin grinding wheel, AC adapter. Display packaged.

#SD915 **\$39.95**



ESD Strap

Easy & quick to adjust with its adjustable Velcro strap & alligator clip.

6' #SD917 **\$4.59**

10' #SD918 **\$5.19**



11 Piece Torx Driver Set

T7 thru T40 drivers with screwdriver handles. Plastic carrying case included.

#SD921 **\$22.99**



All of our chemicals are CFC free!

*UPS Ground Only

Accessories/Technician Aids

Roller/Belt Refurb Kit

Contains liquid, abrasive pads, and lint free cloths and complete instructions.

Order# SD903

\$9.50(6up) \$9.95(1-5)



High Voltage Wand

Glow when high voltage is present. Good for checking flyback voltage status.

Order# SD901

\$9.50(6up) \$9.95(1-5)



Capstan Motor Refurb Kit

Contains motor cleaning compound, solvent, swabs, lube grease, brush, lint-free clothes. Works on most major brands. Each kit refurbishes approx 12 motors.

Order# SD900

\$17.99(6up) \$19.95(1-5)



Pro Tape Path Clean Kit

Contains lint-free clothes, cleaning solvent, swabs, isopropyl solution.

Order# SD902

\$9.50(6up) \$9.95(1-5)



VCR Dust Cover

Clear front.
Black in color.

Order# SV544

\$1.99(10up) \$2.49(1-9)



VCR Head Cleaning Cartridge

With cleaning fluid.
Display packaged.

Order# 20-546

\$2.99(10up) \$3.49(1-9)



VCR Test Jig

Runs VCR w/out cassette.

Order# V-511

\$8.95 each



G Chassis Test Jig

Black plastic design.

Order# V-514

\$14.95 each



Temperature Controlled Solder Station

Adjustable- 300-790 F.
Overheat protection w/ temperature control.
Grounded tip for static sensitive devices.
Linear LED display.
Grounded terminal/cord.
Replacement irons and tips (round, needle, or chisel nose) available.



Order# SD150 **\$69.95**

Replacement Iron

Order# SD150I **\$12.50**

Replacement Iron Tips

# SD150C	Chisel Tip	\$2.60
# SD150N	Needle Tip	\$2.60
# SD150R	Round Tip	\$2.60

Solderless Terminal Kit

Contains 175 of the 18 most popular solderless terminals in a reclosable plastic case.

Order# KIT23

\$9.50(6up) \$9.95(1-5)



Conductive Mat

Ground cord. 23"x26".

Order# 89-910

\$8.95 each



Cable Ties

Heavy duty white vinyl ties in packages of 100.

4" Order# 89-860 **\$1.75**pkg

8" Order# 89-880 **\$3.95**pkg

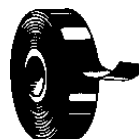


PVC Electrical Tape

U.L. Approved.
3/4" x 66' long.

Order# SD147

69¢(10up) 79¢(1-9)



CD/CD-ROM Repair Kit

Repairs scratched/skipping audio CDs & CD-ROMs. Enough materials to repair up to 24 CD-ROMs.

Order# KIT200 **\$3.50**



VHS-C Head Cleaner

Non-abrasive formula.

Order# 20-548

\$6.29(10up) \$6.99(1-9)



CD Cleaning Kit

Kit Contains:

Laser lens cleaning fluid.
Easy to use.
Instructions.
Display packaged.

Order# 88-092 **\$8.99**



8mm Head Cleaning Cartridge

Non-abrasive formula.

Order# 20-547

\$5.29(10up) \$5.99(1-9)



Audio Cleaner/Demagnetizer

Removes magnetism hiss and noise. Effectively cleans tape path and audio heads. Easy to use and reusable many times.

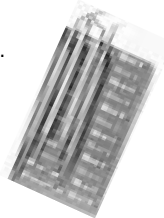
Order# 88-097 **\$2.49**



Probe/Scribe Set

4 double headed metal probes. Curved, straight & angled heads. Perfect for removing belts, springs, clips. Also used for gear alignments, removing SMPs, faceplates, more!

Order# KIT28 **\$9.95**



Conductive Pen

Make instant silver trace repairs. Dries in minutes! Solderable at low temps.

Order# SD2200

\$13.99 each



Conductive Overcoat Pen

Repairs circuit board solder mask. Prevents shorting and arcing. Quick dry.

Order# SD3300

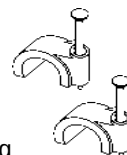
\$9.95 each



Coax Cable Clips

Coaxial cable clips for use with RG58 or RG59. Package of 100. Black in color. Easy to use.

Order# 82-955 **\$2.55**/pkg



Solder Accessories



1. 30 Watt Pencil Iron

U.L. Approved.
#SD102 **\$2.69**_(10up) \$2.99₍₁₋₉₎

2. 40 Watt Pencil Iron

U.L. Approved. Rubber grip.
#SD103 **\$5.99**
Replacement Tip
#SD103T **\$1.29**_(10up) \$1.39₍₁₋₉₎

3. Desoldering Pump

Anti-static, self cleaning.
#SD104 **\$3.49**_(10up) \$3.79₍₁₋₉₎
Replacement Tip
#SD104T **99¢**_(10up) \$1.19₍₁₋₉₎

4. 100W Solder Gun

#SD105 **\$7.99**_(10up) \$8.99₍₁₋₉₎

5. Heavy Duty Desolder Pump

High vacuum for volume use. 1mS regulated return. Uniform reset pressure. Heavy duty corrosion resistant plastic design.
#SD106 **\$6.99**

Replacement Tip
#SD106T **\$1.99**_(10up) \$2.19₍₁₋₉₎

Same design w/ static dissipating feature.

#SD106S **\$14.99**
Replacement Tip
#SD103ST **\$2.99**_(10up) \$3.39₍₁₋₉₎

6. Dual Clip Helping Hands

Weighted base. Metal construction. Full swivel clips.
#SD109 **\$5.99**

7. Adjustable Wattage Solder Irons

Digital display. 6 stages from 10W-40W or 10W to 60W. Button operated. Automatic overheat shutoff, thermal resistor, energy saving IC.

#SD110 40W **\$29.95**

#SD111 60W **\$29.95**

See below for a complete description!
8. Chem-Wick Lite

The finest desolder wick available. In 5' or 25' foot rolls.

Yellow = .050"W x .028 thick
Green = .075"W x .028" thick
Blue = .100"W x .028" thick

#SD116G 5' Green **\$2.29**

#SD116B 5' Blue **\$2.29**

#SD116Y 5' Yellow **\$2.29**

#SD117G 25' Green **\$7.89**

#SD117B 25' Blue **\$7.89**

#SD117Y 25' Yellow **\$7.89**

9. Super Wick Braid

Manufactured by MG Chemicals.

50' Green #SD118G **\$14.25**

50' Blue #SD118B **\$14.75**

100' Green #SD119G **\$27.50**

100' Blue #SD119B **\$29.00**

10. Solder Ease Kit

Contains 4 different tools.
#SD132 **\$2.99**

11. Temperature Controlled Solder Station

Adjustable- 300-790 F. Overheat protection w/ temperature control. Grounded tip for static sensitive devices. Linear LED display. Grounded terminal/cord.

#SD150 **\$79.95**

Replacement Iron

#SD150I **\$12.50**

Replacement Iron Tips

#SD150C Chisel **\$2.60**

#SD150N Needle **\$2.60**

#SD150R Round **\$2.60**

12. 20-40 Watt Station

Switch selectable. Built in solder iron holder & replaceable solder sponge. UL approved.

#SD151 **\$22.99**

Replacement Tip

#SD151T **\$1.79**

13. Helping Hands

Weighted base. Includes magnifier. Metal.

#SD186 **\$5.49**

14. Brush/Scraper

Great for PCB cleaning & repair. Metal brush & scraper ends.
#SD228 **\$2.95**

15. Probe Set

4 double headed metal probes, each with different ends.
#KIT28 **\$9.95**

16. SMD Rework Kit

Contains low residue flux, flux remover, foam & cotton swabs, rubber gloves, rework paste, 5' wick, alloy, probe set, suction tool, mini vac pick & place set.
#KIT50 **\$59.95**

17. High Grade Electrical Solder

1 pound spool of 60/40 (tin/lead). Solder diameter is 1.0mm.
#84-155 **\$6.59**_(10up) \$6.99₍₁₋₉₎

17. 7' Solder Tube

60/40 (tin/lead) rosin core. Solder diameter is 1.0mm.
#84-150 **79¢**_(10up) 89¢₍₁₋₉₎

18. Solder Iron Stand

Replaceable sponge.
#84-180 **\$3.95**

Adjustable Solder Irons

NEW!! Tired of having several soldering irons lying around for different functions? Our variable watt solder irons solve this problem by functioning from 10W-40W or 10W-60W in 6 stages. Both irons are button operated for power on, wattage selection, and power off. The digital display shows you the current wattage of the iron. These irons feature an internal, energy saving IC, a thermal resistor, and automatic overheat shutoff protection.



#SD110 40W **\$29.95**



#SD111 60W **\$29.95**

Pocket Multimeter

7/16" LCD display.
Diode & 50 ohm continuity beeper.
Voltage 2V-500V
DC +/- .5%
Voltage 200V-500V
AC +/- 1.2%. Input impedance 1M-ohm.
Current 200mA DC
+/- 1.5%. Resistance 2K-2M ohms +/- 1%. Overload protected. 1.5" wrap around leads. Battery included. 2 3/4" (W) x 4 3/4" (H) x 3/4" (D).



#DM-070 **\$18.95**

Maintenance Kits

VCR Square Belt Kit

This kit contains 5 each of our top selling 15 square belts in a plastic case.

Order# KIT9A \$22.95

VCR Idler Tire Kit

This kit contains 5 each of our 15 most popular idler tires in a handy flip top plastic case.

Order# KIT11 \$19.95

Ultimate Idler Tire Kit

This kit contains 10 each of our 15 most popular idler tires in a handy flip top case.

Order# KIT11A \$34.95

VCR Flat Belt Kit

Contains 5 each of our 6 most popular flat belts in a plastic organizer.

Order# KIT7A \$19.95

Ultimate Flat Belt Kit

Contains 5 each of our 15 most popular flat belts in a plastic organizer.

Order# KIT7U \$37.95

AGC/GMA Fuse Kit

Kit contains 180 popular fuses. Includes 10 pieces of each value w/ storage case.

Order# KIT16 \$18.95

VCR Sensing Lamp Kit

This kit contains 30 of our most popular sensors & lamps. Plastic case included.

Order# KIT6B \$32.95

VCR Pinch Roller Kit

This kit contains 1 each of our top selling 6 pinch rollers in a plastic storage case.

Order# KIT57 \$21.95

Ultimate Pinch Roller Kit

This kit contains 1 each of our top selling 15 pinch rollers in a plastic storage case.

Order# KIT57A \$46.95

Tension Spring Kit

Kit contains 100 popular springs, 20 different styles of each, in a handy organizer.

Order# KIT55 \$9.95

E-Clip/Washer Kit

A popular assortment of the most common E-Clips and washers found in most VCRs.

Order# KIT30 \$7.95

VCR Repair Pack

Included with the course:

Minor VCR Repair Vol I (VID02)

Minor VCR Repair Vol II (VID03)

Bad Video Heads (VID05)

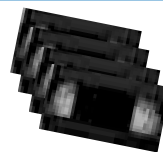
Top 10 VCR Electronic Problems (VID07)

VCR Troubleshooting and Repair (18-150)

VCR Mechanical Repair & Cleaning Guide (18-110)

Electronix Parts Cross Disk (56-050)

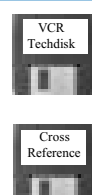
VCR Repair TECHDISK (56-101)



Videos



Books / Software



Order# KIT100 \$149.95

VCR Repair Kit

Included with the kit:

Idler Tire Kit (KIT11)

Square Belt Kit (KIT9A)

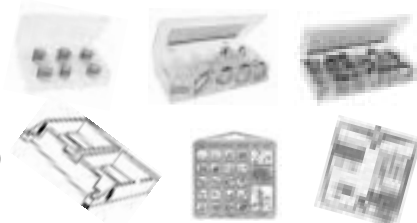
Pinch Roller Kit (KIT57)

VCR Tool Kit (KIT20)

VCR Test Jig (V-511)

VCR Parts Kit (KIT58)

Order# KIT101 \$99.95



Television Repair Pack

Included with the course:

TV Repair: CTC Chassis (VID22)

Introductory TV Repair (VID27)

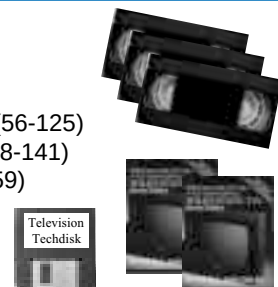
Projection TV Repair (VID28)

TV Repair TECHDISK (56-125)

Troubleshooting TVs (18-141)

ES&T TV Repair (18-159)

Order# KIT102 \$139.95 Save \$70.00!!



Computer Monitor Repair Pack

Included with the course:

Computer Monitor Repair (VID23)

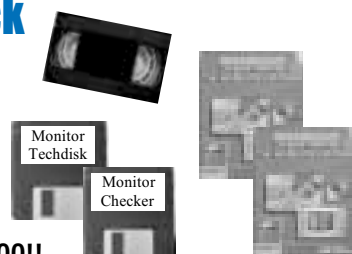
Monitor Repair TECHDISK (56-135)

Monitor Adjustment Software (56-162)

Computer Monitor Troubleshooting (18-143)

Monitor Troubleshooting Tips (18-145)

Order# KIT103 \$119.95 Save \$55.00!!



Pocket Hex Wrench Kit

This kit contains 1 each of 8 popular hex wrenches in a vinyl sleeve.

Order# WKIT3 \$2.99



Screw & Washer Kit

This kit contains 200 screws, sorted by size, and 200 washers common on TVs, VCRs, & audio equipment.

Order# KIT59 \$2.99



Power Supply Cap Kit

Contains (2) 6.3v220, 16v47, (2) 25v330, 50v1, 50v2.2, (2) 50v10, 250v4.7. Fits NAP, Panasonic, Quasar, more.

Order# 80-110 \$4.99



Chip Quick SMD Kit

This kit is an effective way to remove tedious surface mounted components. Contains a special removal alloy, braid, special flux. Includes enough supplies to remove 8-10 SMDs. The only tools required are a soldering iron and a dental pick. Complete instructions included with the kit.

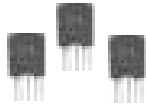


Order# KIT60 \$17.95 each

Assortment Kits

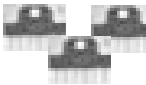
"STR" Regulator Kit

2 each of STR30110, 30120, 30123, 30125, 30130, 30135.
Order# STRKIT **\$39.95** each



"LA7830" Series Kit

Contains 3 each of LA7830, 7833, 7835, 7836, 7837, 7838.
Order# LAKIT **\$37.95** each



Horizontal Output Kit

5 each 2SD1398, D1426, D1427, D1555, D1556, D1650.
Order# OUTKIT **\$58.95** each



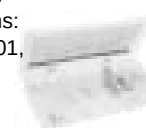
EEPROM Value Kit

Contains 5 each of the following:
217321 217323 218400
218401 218402 221047
Covers most of CTC175/177.
Order# EPKIT2 **\$54.95**



EEPROM Kit

1 each of 10 popular EEPROMs for all major RCA types. Contains:
217321, 217323, 218400, 218401, 218402, 221047, 223923, 225688, 225689, 228287.
Order# EPKIT **\$19.95**



EEPROM Value Kit

This kit contains 1 each of 18 RCA type EEPROMS.
Covers CTC175 to CTC187.
Order# EPKIT1 **\$31.95**



63 Volt Capacitor Kit

5 each of 10 popular radial capacitors. Includes values ranging from 1 to 1000 mf.
Order# KIT10B **\$19.95**



Idle Tire Assortment Kit

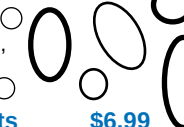
Contains either 50 or 100 assorted idler tires. All different sizes / thicknesses are represented.



Order# 29-220 **50 tires \$7.50**
Order# 29-220A **100 tires \$14.00**

Square Belt Assortment Kit

Contains either 50 or 100 assorted square belts. SBS, SBT, SBM, SBL and SBX are all represented.



Order# 29-200 **50 belts \$6.99**
Order# 29-200A **100 belts \$13.50**

5W Stand-off Kit

5 each 5W1, 5W2.2, 5W2.7, 5W3.3, 5W3.9, 5W4.7.
Order# 5WKIT **\$16.95** each



7W Stand-off Kit

5 each 7W1, 7W2.2, 7W2.7, 7W3.3, 7W4.7.
Order# 7WKIT **\$16.95** each



15W Stand-off Kit

5 each 15W1, 15W2.2, 15W2.7, 15W3.3, 15W4.7.
Order# 15WKIT **\$19.95** each



Power Supply Capacitor Kit

5 each of these power supply capacitors:
6.3V--330uf. 16V--100,330,470, 1000uf. 25V--330uf. 50V--1, .22, 1, 2.2, 10uf. 200V--82,100uf. 250V--4.7,100uf.
Order# KIT16S **\$42.99**



50 Volt Capacitor Kit

5 each of 10 popular 50 volt caps. Values from 1 to 1000 uf.



Order# KIT10A **\$18.95**
Chip Capacitor Kit

5 each of the following surface mount caps:
4 Volt - 22, 220. 6.3 Volt - 22, 33, 47, 100. 16 Volt - 10, 22, 33, 47, 100. 50 Volt - 2.2, 3.3, 4.7, 10 uf
Order# CAPKIT **\$32.95**



Popular Capacitor Kit

5 each of 15 popular radial capacitors. Includes 16, 25, 50, 63, 100, 160, 250, 350 volt caps.
Order# KIT10 **\$38.95**



F Connector Kit

(10) F-59 Crimp (10) F-56 Crimp
(5) F-59 Twist (5) Quick F
(5) F Coupler
(5) F-61 Chassis
Order# FKIT **\$5.99**



Audio Connector Kit

(2) RCA to 1/4"
(2) RCA to 3.5mm
(2) 1/4" to RCA
(2) 3.5mm to RCA
(2) 3.5mm to 1/4"
(2) 1/4" to 3.5mm
Order# AUDKIT **\$4.99**



PICO Fuse Kit

Kit contains 42 PICO fuses.
3 pcs of each value.
Order# KIT16P **\$21.95**



AGC Fuse Kit

Kit contains 80 AGC fuses.
10 pcs of each value.
Order# KIT17A **\$8.95**



GMA Fuse Kit

Kit contains 80 AGC fuses.
10 pcs of each value.
Order# KIT17G **\$8.95**



Microwave Switch Kit

Contains 1 each of the six most popular microwave switches to fit 75-85% of all models.
Order# MICROKIT **\$11.95**



Cleaning Swab Kit

1 pack straight & curved tip chamois swabs, 1 pack foam swabs, 1 pack cotton swabs. 170 total swabs.



Order# SWABKIT **\$10.99**

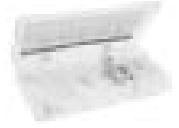
CD Spindle Motor Kit

Contains 5 spindle motors to fix approx. 90% of CD players. Includes (2) 26-100, 1 each of 26-110, 26-120, 26-140.
Order# KIT26 **\$28.95**



IC Protector Kit

3 each of every value of our "N" & "F" type IC protectors. 45 total pieces.
Order# ICKIT **\$24.95**



BNC Connector Kit

(5) RG59 Twist (5) RG59 Crimp
(5) RG58 Crimp (5) RG58 Twist
(3) BNC Tee
(3) BNC Coupler
#BNCKIT **\$11.99**



RCA Kit

(2) BNC to RCA
(2) RCA to BNC
(2) F to RCA
(2) RCA F Coupler
(2) RCA M Coupler
(2) RCA Crimp
#RCAKIT **\$4.99**



Storage Cases

Small Plastic Case

Contains 6 compartments.
4 3/8W x 2 5/8L x 1H

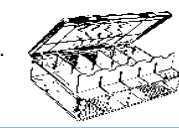
Order# 10-380 **\$1.95** each



Large Plastic Case

Contains 5-15 compartments.
11 1/2 W x 6 1/2 L x 2 3/8 H

Order# 10-390 **\$5.95** each



Medium Plastic Case

Contains 6-18 compartments.
8 1/2 W x 4 3/4 L x 1 1/2 H.

Order# 10-400 **\$3.95** each



Cables

"F" Type Cables

"Screw on"

Color: Black. Bulk.
F Male - F Male



1'	#45-445	\$.79 (12up)	\$.89 (1-11)
3'	#45-555	\$.79 (12up)	\$.89 (1-11)
6'	#45-561	\$.99 (12up)	\$.89 (1-11)
12'	#45-562	\$1.09 (12up)	\$1.19 (1-11)
25'	#45-576	\$1.99 (12up)	\$2.19 (1-11)
50'	#45-577	\$3.19 (12up)	\$3.39 (1-11)
100'	#45-578	\$5.99 (12up)	\$6.29 (1-11)

"Push-on"

Color: Black. Bulk.
F jack to F jack.



3'	#45-570	\$.79 (12up)	\$.99 (1-11)
6'	#45-551	\$.99 (12up)	\$1.09 (1-11)
12'	#45-571	\$1.29 (12up)	\$1.49 (1-11)

High Grade "Screw On"

75 ohm RG 6 cables.
Double aluminum shield plus
copper braid shield.



UL Style 1354 80 C 300V AWG18 solid copper-clad steel center.	(1-9)	(10up)
3'	#45-600	.99 .89
6'	#45-601	1.29 1.09
12'	#45-602	1.99 1.79
25'	#45-603	3.79 3.59
50'	#45-604	5.89 5.49
75'	#45-605	8.49 7.99



Weather Resistant "F" Cables

75 Ohm RG-6 for DSS, C/KU satellite
installation. Machined brass F connectors
w/ anti-corrosion O-ring. Silicone sealed.
Double aluminum shield plus copper braid
shield. UL Style 1354 80 C 300V AWG18
solid copper-clad steel center.

	(1-9)	(10up)
6'	#45-608	1.99 1.69
12'	#45-609	3.49 3.19
25'	#45-610	5.99 5.69
50'	#45-611	7.49 7.19
75'	#45-612	9.99 9.69
100'	#45-613	13.99 12.99
150'	#45-614	18.99 17.99

Combination Cable

1 end- push on "F".
1 end spade/balun.



Order# 45-550

\$1.79 (12up) \$1.99 (1-11)

RCA Type Cables

Dual Audio Patch Cables

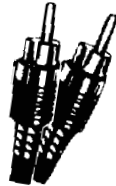
Low Loss - Fully Molded,
Dual RCA male to male- color coded.



	(1-9)	(10up)
3'	#DAP3	.79 .69
6'	#DAP6	.89 .79
12'	#DAP12	1.29 .99
25'	#DAP25	1.49 1.29
6'	4 RCA Male- 4 RCA Male #DAP4	1.99 1.79

RCA to RCA

Low Loss - Fully Molded,
Nickel Plated Connectors,
Black.



	(1-9)	(10up)
3'	#45-582	\$.89 \$.69
6'	#45-583	\$.99 \$.89
10'	#45-584	\$1.29 \$1.09
25'	#45-540	\$1.29 \$1.09

Gold Dubbing Kits

Dual Male to Male, Black.



	(1-9)	(10up)
3'	#45-579	1.29 1.09
6'	#45-580	1.99 1.69
6' Stereo	#45-581	2.79 2.49
12' Stereo	#45-547	3.49 3.19

SVHS Cables

Low Loss - Fully Molded.
4 pin din to 4 pin din.



Gold Connectors.	(1-9)	(10up)
6'	#45-590	2.69 2.49
12'	#45-591	3.39 3.19

RCA Y Adapters

Shielded Y cables.
Fully molded-6 inch lengths.

RCA male to 2 RCA jacks
Order# 45-441

RCA male to 2 RCA males
Order# 45-442

RCA jack to 2 RCA males
Order# 45-443

2 RCA male to 3.5mm
Order# 45-444

2 RCA jack to 3.5mm male
Order# 45-446



RCA Type Cables

RCA Patch Cords

2 RCA jack - 2 RCA jack
Fully molded. Bulk.

1.5' #45-473 **\$.89**

2 RCA plug - RCA piggyback.
Fully molded. Bulk.

6' #45-474 **\$1.39**

12' #45-475 **\$1.99**

RCA Patch Cords

RCA jack - RCA plug
Fully molded. Bulk.

6' #45-470 **\$.69**

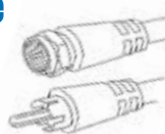
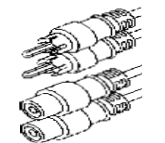
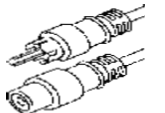
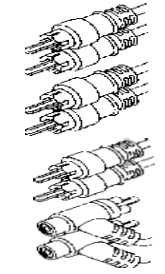
10' #45-471 **\$.69**

2 RCA jack - 2 RCA plug
Fully molded. Bulk.

6' #45-472 **\$.89**

RCA Coaxial Cable

F male to RCA male.
Fully molded. Bulk. 6' length.



Order# 45-449

\$.99 (12up) \$1.29 (1-11)

BNC Cables

Fully molded cables.
Nickel plated connectors.
Male to male. Black.



	(1-9)	(10up)
6' RG59 (75 ohm)	#45-572	2.59 2.39
15' RG58 (50 ohm)	#45-573	3.59 3.29
25' RG58 (50 ohm)	#45-574	3.99 3.69
50' RG58 (50 ohm)	#45-575	7.69 7.29

\$.99 (1-9) \$.79 (10 up)

2 3.5mm male to 3.5mm jack
Order# 45-447

2 3.5mm jack to 3.5mm
Order# 45-448

2 RCA male to 1/4" male
Order# 45-450

2 RCA jack to 1/4" male
Order# 45-451



Y Adapter Assortment Kit

One each of the 9 Y adapters listed on
this page. Covers most popular configura-

Order# YKIT **\$6.39**

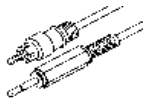
Cables

Audio Type Cables

RCA M to 3.5mm M

Order# 45-435

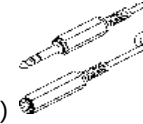
\$.69 (1-9) **\$.59** (10up)



25' 1/4" F to 1/4" M

Order# 45-436

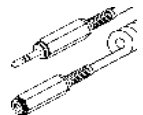
\$1.99 (1-9) **\$1.89** (10up)



10' 3.5mm F to M

Order# 45-437

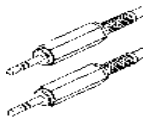
\$1.19 (1-9) **\$.99** (10up)



12' 3.5mm M to M

Order# 45-438

\$1.19 (1-9) **\$.99** (10up)



Computer Cables

Printer Cable

36 Pin Centronics to DB-25 Male

6 Ft. #85-046 **\$1.95**

10 Ft. #85-052 **\$2.46**

15Ft. #85-054 **\$4.39**



DB-25 Serial Cables

RS232, 28 AWG, 25-Wires

10 Ft.(M-F) #85-014 **\$2.39**

10 Ft.(M-M) #85-052 **\$2.39**

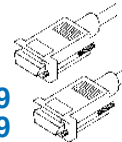


Monitor Extension

DB9 Connectors

10 Ft.(M-F) #85-116 **\$2.29**

10 Ft.(M-M) #85-138 **\$2.29**



Computer Cables

Computer Power Cord

18 3, Black Jacket

6 ft.#85-375 **\$1.95**



Monitor Adapter

18 3, Black Jacket

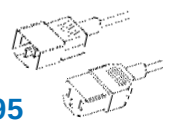
12" #85-515 **\$1.79**



Computer Power Extension

18 3, Black Jacket

6' #85-370 **\$1.95**



Surge & Power Products

Surgender (F Cables)

Economical & easy surge protection. Maximum surge current - 5000 amps.

#45-100 **\$4.99**(10up) \$5.99(1-9)



BNC Inline Surge Protector

Connects to BNC cable & equipment's BNC connector to help prevent surge damage.

#45-104 **\$8.99**(10up) \$9.99(1-9)



Voltage Blocker

Blocks DC & low frequency AC power to reduce 'hum bars'.

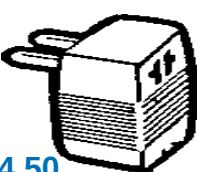
#45-101 **\$1.79**(10up) \$1.99(1-9)



50W Overseas Converter

Converts overseas 220VAC to US 110VAC for US type appliances. Suitabel for small electronics/appliances.

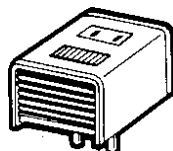
Order# 10-050 **\$4.50**



50W/1600 W Converter

Converts overseas 220 VAC to US 110VAC for US type appliances. 50W or 1600W settings.

Order# 10-1600 **\$14.99**



Foreign Voltage

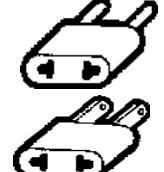
Foreign Adapter Plugs

Flat or round plug input. Foreign plug output.

Order# 10-454 **\$.89**

Flat or round plug input. US (flat) plug output.

Order# 10-456 **\$.89**

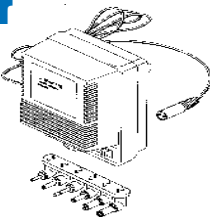


Universal Adapters

300mA Adapter

UL/CSA approved. Outputs 3, 4.5, 6, 7.5, 9, 12VDC. 6 detachable plugs.

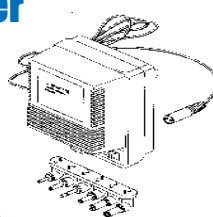
Order# 24-503 **\$5.49**



500mA Adapter

UL/CSA approved. Outputs 3, 4.5, 6, 7.5, 9, 12VDC. 6 detachable plugs.

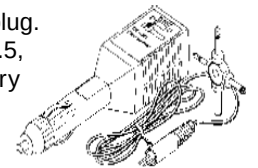
Order# 24-504 **\$6.99**



800mA Lighter Adapter

6' cigarette lighter plug. Outputs 3, 4.5, 6, 7.5, 9, 12VDC. 9V battery connector.

Order# 24-505 **\$5.99**



300mA Adapter

110VAC 50-60Hz. Outputs 3, 4.5, 6, 7.5, 9VDC. Polarity reversal plug. 9V clip.

Order# 24-506 **\$3.99**



500mA Adapter

110VAC 50-60Hz. Outputs 3, 4.5, 6, 7.5, 9, 12VDC. Polarity reversal switch. 9V clip.

Order# 24-507 **\$5.29**



1000mA Adapter

110/220VAC, 50-60Hz. Outputs 3, 4.5, 6, 7.5, 9, 12VDC. 9V clip.

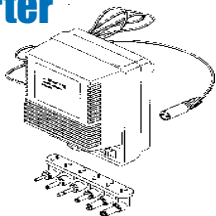
Order# 24-508 **\$6.29**



Universal AC-DC Converters

800mA Converter

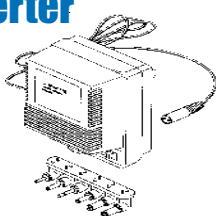
UL/CSA approved.
Outputs 3, 4.5, 6,
7.5, 9, 12VDC.
6 detachable plugs.



Order# 24-500 **\$5.99**

1000mA Converter

UL/CSA approved.
Outputs 3, 4.5, 6,
7.5, 9, 12VDC.
6 detachable plugs.



Order# 24-501 **\$6.29**

800mA Lighter Adapter

6' cigarette lighter plug.
Outputs 1.5, 3, 4.5, 6,
7.5, 9, 12VDC.
7 detachable plugs.

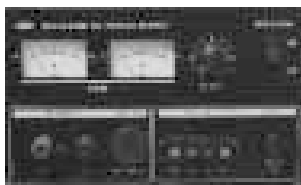


Order# 24-502 **\$7.99**

Power Products

25A Adjustable Power Supply

25A continuous, 30A peak. Fully adjustable output 0-15 VDC. Separate voltage-current meters. Binding post output terminals. Spring clip connector terminals. Cigarette lighter jack output. 9 1/4" (W) x 5 3/8" (D) x 8 3/4" (H).



Order# PS-102 **\$129.95**

3A Power Supply

3A rated, 5A max. 117VAC 60Hz input. Binding post terminals. 13.8VDC fully regulated.

Order# 48-101 **\$26.00**

7A Power Supply

7A continuous, 9A peak.

Order# 48-102 **\$49.95**



Surge/Static Accessories

9 Outlet w/Modem & TV

6 MOV 1680 Joules. EMI/RFI noise filtered. Resettable. 6' cord, alarm alert, three transformer spaced outlets. UL listed, illuminated switch.



Order# 89-014

\$17.99(10up) \$19.99(1-9)

9 Outlet w/Modem & TV

6 MOV 840 Joules. EMI/RFI noise filtered. Resettable. 6' cord, alarm alert, 3 transformer spaced outlets. UL listed. Illuminated switch.



Order# 89-017

\$15.99(10up) \$17.99(1-9)

6 Outlet w/Modem & Fax

3 MOV 270 Joules. EMI/RFI noise filtered. Resettable. 6' cord, child protected outlets. LED surge/ground fault indicator.



Order# 89-016

\$9.99(10up) \$10.79(1-9)

1 Outlet Protector

1 MOV, 90 Joule. LED power indicator. UL listed.

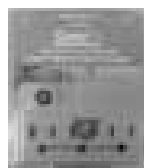


Order# 45-106

\$2.49(6up) \$2.79(1-9)

3 Outlet Protector

3 MOV, 270 Joules, 3 line protection. EMI/RFI filtered. UL listed. LED indicator.

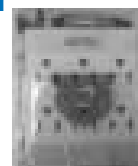


Order# 45-107

\$2.99(6up) \$3.29(1-5)

6 Outlet Wall Protector

3 MOV, 270 Joule, 3 line protection. EMF/RFI filtered. UL listed. LED indicator.



Order# 89-010

\$3.49(6up) \$3.99(1-5)

6 Outlet Surge Strip

1 MOV 90 Joule basic protector. Resettable. 3' AWG14 power cord, hanging brackets. UL listed.

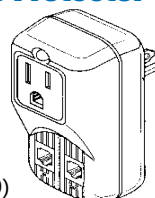


Order# 89-015

\$4.49(10up) \$4.99(1-9)

Telephone Line Surge Protector

1 outlet. 2 Modem/phone/fax inputs. 3 MOV 270 Joule, 3 line protection. EMI-RFI filtered. LED indicator.

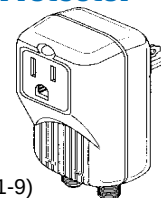


Order# 89-021

\$5.49(10up) \$5.99(1-9)

CATV/Satellite Line Protector

1 outlet. 2 F connector inputs. 3 MOV 270 Joule, 3 line protection. EMI-RFI filtered. LED indicator.



Order# 89-022

\$5.49(10up) \$5.99(1-9)

DC-AC Inverters

140 Watt Converter

300W Peak, 140W continuous. Modified sine wave output. 3' cigarette lighter cable. 90% efficient, fuse protected.



Order# 45-900 **\$52.95**

300 Watt Converter

550W Peak, 300W continuous. Dual grounded AC plugs. 3' cigarette lighter cable. Battery clamp adapter cable.



Order# 45-901 **\$69.95**

Convert 12VDC car battery voltage to 110-117VAC 60Hz household voltage. For lamps, TVs, VCRs, office equipment, more. Auto shutoff, thermal protection. LED power indicator.

Satellite / DSS* Accessories

"F" Type Cables



Weather Resistant "F" Cables

75 Ohm RG-6 for DSS, C/KU satellite installation. Machined brass F connectors w/ anti-corrosion O-ring. Silicone sealed. Double aluminum shield plus copper braid shield. UL Style 1354 80 C 300V AWG18 solid copper-clad steel center.

	(1-9)	(10up)
6'	#45-608 1.99	1.69
12'	#45-609 3.49	3.19
25'	#45-610 5.99	5.69
50'	#45-611 7.49	7.19
75'	#45-612 9.99	9.69
100'	#45-613 13.99	12.99

Connectors



RG6 F Plug Crimp

O-Ring seal. 2 Piece die-cast. Anti-corrosion chromate plating.
#34-001 \$.29(1-24) **\$.25**(25 up)



RG6 Weatherproof

O-Ring water seal. Silicone gel seal. Precision machined brass. Anti-corrosion chromate plating.
#34-002 \$.55(1-24) **\$.49**(25 up)



RG6 PermaSeal

Allows multiple cable braid & shield types. RG59 standard, tri-shield, & quad-shield cables. Nickel plated brass.
#34-003 \$.79(1-24) **\$.75**(25 up)



F Jack-Jack Coupler

1 GHz F-81 coupler
#34-112 \$.59(1-24) **\$.54**(25 up)

2 GHz F-81 coupler
#34-113 \$.69(1-24) **\$.64**(25 up)

1 GHz Directional Couplers

75 ohm. 90dB min RFI shield. High isolation of reflected signals. Anti-corrosion housing. Printed board circuitry.



6dB	#45-635(T)	\$1.29
9dB	#45-636(T)	\$1.29
12dB	#45-637(T)	\$1.29
16dB	#45-638 (T)	\$1.29
20dB	#45-639(T)	\$1.29
24dB	#45-640 (T)	\$1.29
27dB	#45-641 (T)	\$1.29
30dB	#45-642 (T)	\$1.29

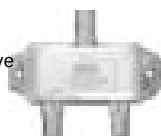
Please specify regular or 15 version.

Satellite Switches

For commercial systems when each receiver needs both polarities for 24 channel operation. Switches between vertical/ horizontal LNB. 400-2050 MHz.

C/KU Switch

5-12VDC power. Switches RF signal. For receivers with a positive DC switching system, high/ low
#45-660 **\$15.95**



2 GHz Splitters

40-2050MHz 75 ohm high frequency. 90dB min RFI shielding. Anti corrosion construction. Cast in ground block. Mounting tabs w/ screws.



1 Port Power Passive

2 way #45-620 **\$2.49**

4 way #45-621 **\$3.99**

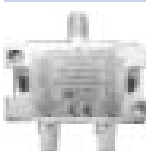


All Port Power Passive

2 way #45-622 **\$2.49**

4 way #45-623 **\$3.99**

Diplexer / Mixer



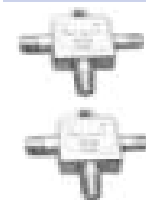
5-2050 MHz. Separates/ combines off-air TV antenna & satellite signals from/onto a single feedline. Anti-corrosion construction. 90dB min RFI shielding. 500mA max DC pass-through current.
#45-624 **\$8.95**

Inline Amplifier



20dB 450-2050MHz. Sloped gain for long runs. Impedance 75 ohm. output level 105dBuV max. Power requirement 12-18VDC 45mA. 500mA max DC pass.
#45-625 **\$10.95**

Separator/Combiners



VHF High-Low separator/ combiner. Zinc alloy cast. Min. rejection 22dB low & 20dB high.
#45-652 **\$1.59**

UHF-VHF separator/combiner. Zinc alloy cast. Min. rejection 23dB VHF & 30dB UHF.
#45-653 **\$1.59**

Grounding Blocks

3/16" grounding hole. Weather resistant zinc alloy die-cast housing. Includes mount screws.

Single # 45-530
59¢(10up) 69¢(1-9)
Dual # 45-531
79¢(10up) 89¢(1-9)



Inline Attenuator Pads

0-1750 MHz female to male. Tolerance 5%. Return loss 20dB typical.

3dB	#45-645	12dB	#45-649
\$1.29		\$1.29	
6dB	#45-646	16dB	#45-650
\$1.29		\$1.29	

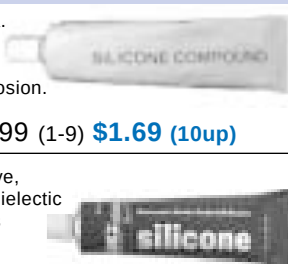
Silicone Sealants

100% clear formula. Seals & insulates. Prevents water penetration & corrosion.

#20-494 \$1.99 (1-9) **\$1.69 (10up)**

3 oz. Non-corrosive, good adhesive & dielectric properties. Resists electrical tracking.

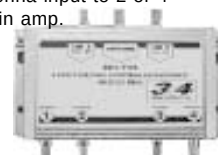
#20-498 **\$3.99**



Multi-Switcher

Dual control multi-receiver switches for DSS, or C/KU band installations. Connects two LNB inputs and off-air TV antenna input to 2 or 4 satellite receivers. Built in amp. Impedance to 75 ohm.

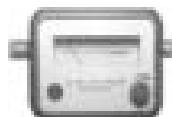
Frequency 40-2150 MHz. DC pass-through 500 mA max. 5"(W) x 3"(H) x 1 1/8"(D).



3x4 Multi-switcher #45-627 **\$36.95**

3x8 Multi-switcher #45-628 **\$79.95**

Satellite Finder



75ohm, 950-2250MHz input. Input level -40dBm to 10dBm. Built in miniature lamp & buzzer. Illuminated. Pocket sized w/ clip
#45-616 **\$18.95**

Signal Combiner

Zinc die-cast housing. Allows domestic TV & satellite to be fed into an existing cable. Combines or separates signal.

#45-655 **\$9.95**



Feed Through Bushings

Seals wall openings, secures/protects cables. RG 59 opening = .26". RG6 opening = .307". Black. Pack of 50.



RG59	#45-630	\$2.49
RG6	#45-631	\$2.49
RG6 Dual	#45-632	\$3.49

Installation Tools



Rotary Cable Stripper

For RG58, 59, & 6. Fixed 3 blades.
#84-202 **\$10.95**

Replacement blades.
#84-202B



Heavy Duty Crimper

For RG11, 59, & 6. Adjustable jaw. Hardened steel construction. For crimping F, N, BNC, TNC, UHF, SMA connectors.

#84-205 **\$24.95**

RG6 Bulk Cable

1000" roll. 75 ohm. AWG18 copper-clad steel, double aluminum foil shield. 67% tinned copper braid. 0.193" OD CPE dielectric. 0.275" OD black PVC jacket.
#82-900 **\$89.95**



Surge Protector

9 Outlet w/Modem & TV

6 MOV 840 Joules. EMI/RFI noise filtered. Resettable. 6' cord, alarm alert, three transformer spaced outlets.

Order# 89-017

\$15.99(10up) \$17.99(1-9)



Quality accessories at discount prices!

Video/Phone Accessories

UHF Loop Antenna

Standard replacement.
300 ohm terminals.

#20-055 **49¢**(10up) 59¢(1-9)



Top of Set Antenna

UHF/VHF/FM indoor antenna.
Great for TVs and FM receivers.

#20-058 **\$6.29**(10up) 7.29¢(1-9)



VHF Signal Amplifiers

1 way-10 dB gain # 45-566
2 way- 6 dB gain # 45-567
4 way- 3dB gain # 45-568

Bandwidth 54-890MHz



\$9.95 each any type

Matching Transformer

Converts 75 to 300 ohm.

#45-554

24¢(100up) 29¢(10-99) 34¢(1-9)



Balun Transformer

Right angle.
Converts 300 to 75 ohm.

#45-553

24¢(100up) 29¢(10-99) 34¢(1-9)

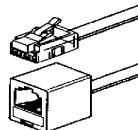


Modular Extensions

Ivory. 6x4 4 wire plug to jack.

25' #19-100 **\$1.29**

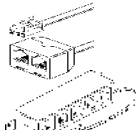
50' #19-101 **\$1.99**



Modular Extensions

25' Duplex #19-102

\$1.29



15' 5 Outlet #19-103 **\$2.39**

Back of Set Antenna

Replaces a variety of antennas
including Panasonic, Quasar, etc.

#20-051 **\$1.59**(10up) \$1.79(1-9)



UHF Bowtie

Clips to back of set antenna.
12" leads.

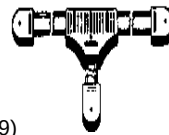
#20-056 **69¢**(10up) 79¢(1-9)



FM Dipole Antenna

Bulk packaging.
For use with all FM receivers.
Spade leads.

#20-059 **69¢**(10up) 79¢(1-9)



PAL System Video Adapters

40-760 F Jack-PAL plug

40-770 F plug-PAL jack

40-780 F plug-PAL plug

40-790 F jack-PAL jack



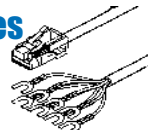
\$1.29(10up) \$1.49(1-9)

Alarm Modular Cables

8 wire round spade cord.

2' #19-104 **\$.79**

7' #19-105 **\$1.09**

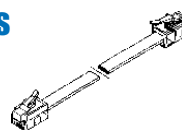


Modular Line Cords

White. Voice applications.

7' #19-106 **\$.59**

15' #19-107 **\$.89**



Splitters/ Couplers



5-900 MHz

2 way

Order# 45-557

79¢

(10up)

3 way

Order# 45-563

89¢

79¢

4 way

Order# 45-564

99¢

89¢

8 way

Order# 45-569

2.99

2.89

F Grounding Blocks



Single

Order# 45-530

(1-9)

Dual

Order# 45-531

69¢

(10up)

59¢

Signal Splitters

2 spade / 2 hook outputs.
Order# 45-556

2 spade / 1 "F" outputs.
Order# 45-560

\$.99(10up) \$1.09(1-9)



VCR/TV A/B Switch

Two inputs - 1 output.
Slide switch.
75 ohm. Polybag.

#45-552 **\$.99**(12up) \$1.19(1-11)

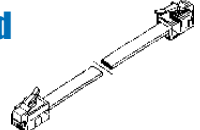


Modular Data Cord

Silver. 4 wire data cable.

25' #19-108 **\$2.29**

50' #19-109 **\$3.99**



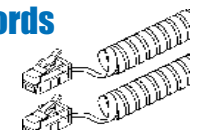
Coiled Handset Cords

White. 4x4 4 twisted wire.

7' #19-110 **\$.59**

15' #19-111 **\$.89**

25' #19-112 **\$1.09**



Video Cassette Repair

Custom Screwdriver

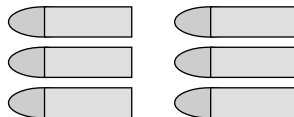
Removes many security screws
on pre-recorded VHS shells.
Allows repair of broken tape.



Order# M131 **\$7.50**

Video Tape Splices

High quality splices made
specifically for video tape.



Order# SP200 **\$18.50**/200

Video Tape Repair Kit

Repairs both audio and video tape. Contains:
Splicing block, razor cutter, leader tape, video/
audio splicing tape, & more.



Order# ANC2 **\$6.50**

Tools/Accessories

Copper Repair Tape

6 foot roll of self-adhesive
tape used for making quick
PC board repairs. 1/16" wide.

Order# 52-105

\$2.49(10up) \$2.99(1-9)

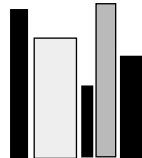


Heat Shrink Tubing

Bag of asst. sizes and colors.

Order# SD177

\$1.95 bag



Carbon Monoxide Alarm Tester

CO alarms should be tested
once a year. Using this tester
ensures the reliability of your
carbon monoxide alarm.



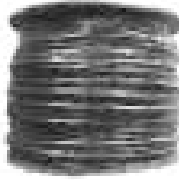
#SD906 **\$4.75**(10up) \$4.95(1-9)

Bulk Cable

RG 6 Cable

1000' roll. 75 ohm. AWG18 copper-clad steel, double aluminum foil shield. 67% tinned copper braid. 0.193" OD CPE dielectric. 0.275" OD black PVC jacket.

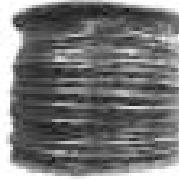
#82-900 **\$89.95**



RG 59 Cable

1000' roll. 75 ohm. AWG22 solid bare copper aluminum foil shield & 32 x .12 mm bare copper braid. 0.146" OD PE dielectric. 0.242" OD black PVC jacket.

#82-901 **\$59.95**



RG 58 Cable

1000' roll. 50 ohm. AWG20 solid bare copper aluminum foil shield & 32 x .12 mm bare copper braid. 0.116" OD CPE dielectric. 0.195" OD black PVC jacket.

#82-902 **\$49.95**



Speaker Wire

Bulk Hookup Cable

General purpose. 99.9% pure copper stranded conductors. Red/Black flexible PVC jacket.

50'	AWG16	#25-200	\$5.99
50'	AWG18	#25-201	\$4.99
100'	AWG16	#25-202	\$8.99
100'	AWG18	#25-203	\$7.99
1000'	AWG16	#25-204	\$79.95
1000'	AWG18	#25-205	\$69.95



Speaker Cable

1 Bare copper / 1 tinned 99.9% pure copper stranded conductors. Clear PVC jacket.

25'	AWG14	#25-114	\$2.99
25'	AWG16	#25-116	\$2.29
25'	AWG18	#25-118	\$1.89
50'	AWG12	#25-212	\$12.99
50'	AWG14	#25-214	\$7.99
50'	AWG16	#25-216	\$5.99



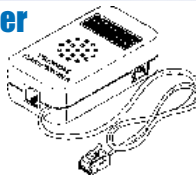
50'	AWG18	#25-218	\$3.99
50'	AWG20	#25-220	\$3.59
100'	AWG12	#25-312	\$22.99
100'	AWG14	#25-314	\$17.99
100'	AWG16	#25-316	\$9.99
100'	AWG18	#25-318	\$6.99
500'	AWG14	#25-414	\$79.99
500'	AWG16	#25-416	\$47.99
500'	AWG18	#25-418	\$38.95

Telephone Accessories

Telephone Bell Ringer

Switchable flash or flash and ring features. Line powered--no batteries needed.

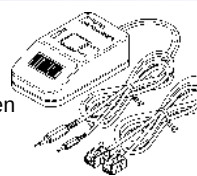
#45-700 **\$8.29**



Auto Line Recorder

Connects to cassette recorder, records when handset is lifted, stops when hung-up. Line powered.

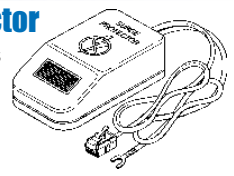
#45-702 **\$7.69**



Line Surge Protector

Protects modems, faxes and telephones from harmful voltage spikes.

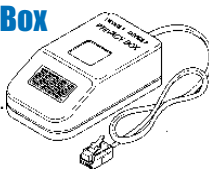
#45-704 **\$8.29**



Telephone Privacy Box

Gives 1st device usage of a shared line--no more interrupted faxes/modems. Line powered.

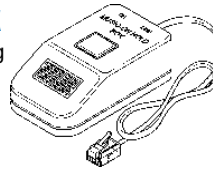
#45-701 **\$6.59**



Music on Hold Box

Plays melody by pressing the device's hold button. LED light indicator. Line powered.

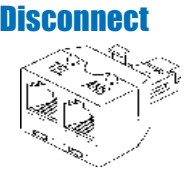
#45-703 **\$7.69**



Answering Machine Disconnect

Interrupts answering machine when handset is lifted.

#45-705 **\$3.99**



Telephone Extension Ringer

Plugs into a phone jack & rings bell when phone rings. Perfect for when user is not by the phone.

#45-706 **\$7.69**



Telephone Recording Control

Connects to cassette recorder to record telephone conversations.

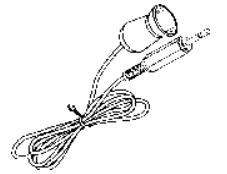
#45-707 **\$12.99**



Mini Pick-Up Coil

Suction cup attaches to receiver & allows user to record or amplify phone conversations.

#45-708 **\$1.79**



Solderless Terminals

Terminal Kit

18 sizes. 175 total pieces. Reclosable case.

Order# KIT23 **\$8.79**



Terminal Kit w/ Crimper

Multi-use crimper. 60 terminals. Plastic case.

Order# KIT24 **\$6.99**



Spade Type Insulated

Order #	Stud Size	Color	Gauge	Price
27-100	#6 (3.7mm)	Red	22-16	\$1.29 / 25
27-101	#8 (4.3mm)	Red	22-16	\$1.39 / 25
27-102	#8 (4.3mm)	Blue	16-14	\$1.39 / 25
27-103	#10 (5.3mm)	Yellow	12-10	\$1.99 / 25



Ring Type Insulated

Order #	Stud Size	Color	Gauge	Price
27-104	#6 (3.7mm)	Red	22-16	\$1.29 / 25
27-105	#8 (4.3mm)	Red	22-16	\$1.39 / 25
27-106	#10 (5.3mm)	Red	22-16	\$1.39 / 25
27-107	#6 (3.7mm)	Blue	16-14	\$1.29 / 25
27-108	#8 (4.3mm)	Blue	16-14	\$1.39 / 25
27-109	#10 (5.3mm)	Blue	16-14	\$1.39 / 25
27-110	#10 (5.3mm)	Yellow	12-10	\$1.69 / 25



Female Push On Type

Order #	To Fit Tab	Color	Gauge	Price
27-111	6.3 x .8mm	Red	22-16	\$1.39 / 25
27-112	6.3 x .8mm	Blue	16-14	\$1.39 / 25



Male Push On Type

Order #	To Fit Tab	Color	Gauge	Price
27-113	6.3 x .8mm	Red	22-16	\$1.39 / 25
27-114	6.3 x .8mm	Blue	16-14	\$1.39 / 25



Butt Type Connector



Order #	Color	Gauge	Price
27-115	Red	22-16	\$1.39 / 25
27-116	Blue	16-14	\$1.39 / 25
27-117	Yellow	12-10	\$1.69 / 25

Instructional Videocassettes

G Chassis VCR Repair

This instructional video covers G chassis VCRs, which present a variety of service problems, especially those which involve alignment of the top and bottom of the chassis. The video shows hands-on, common repair problems which require only common tools.

Order# VID17 \$39.95



Minor VCR Repair Vol I

This instructional video covers 5 different popular VHS models. Topics covered are belt and idler replacement, lubrication, and sensor lamps. The repairs shown do not require expensive equipment just simple common tools. Many problems such as no rewind/fast forward, no playback, or 'eating tapes', can usually be corrected by the simple instructions.

English Order# VID02 \$39.95

Spanish Order# VID02S \$39.95



Minor VCR Repair Vol II

This instructional videocassette probes a little deeper into some common VCR problems and shows you the most likely solution to correcting them. If you can use simple common tools, including a soldering iron, then this video is a must! Topics covered are tape end sensors, loading motors, RF modulators, and reel sensors. A perfect follow-up to Repair Volume I.

Order# VID03 \$39.95.



Bad Video Heads Symptoms/Diagnosis/Replacement

This presentation covers basic operation, playback symptoms, hands-on diagnostics, and replacement of VHS and Beta video heads. Designed with the layman in mind, this cassette can be a valuable tool for making a decision to replace or not to replace an expensive video head cylinder. A useful test pattern is also included at the end.

Order# VID05 \$39.95



Top 10 VCR Electronic Problems

Saves hours of unproductive diagnostic time by explaining the repair procedure for 10 common electronic problems, which are seen time and time again by service centers everywhere. As with our other tapes, we will not be presenting any theories, but rather hands-on, cut and dry repair procedures using simple common tools.

Order# VID07 \$39.95



Introductory Television Repair

Your first step into the television repair business. After viewing this video, you will be able to repair many common television failures. Topics covered include vertical & horizontal outputs, power supplies, flyback transformers & more. Basic theory is also discussed with troubleshooting / flow charts. Safety precautions & procedures are also covered in detail.

Order# VID27 \$39.95



Professional VCR Cleaning

Cleaning VCRs is easy and anyone can do it. This comprehensive video presentation shows how the professionals clean them and is designed with the layman in mind. The simple instructions guide you through every phase of the cleaning process.

Order# VID01 \$19.95



IBM Compatible Computer Assembly

This video starts with basic computer components, such as motherboards, disk drives, controllers, monitors, and more. You will learn how to properly assemble these various parts and configure your system. Topics covered are how to install memory, configure the CMOS, format hard disks and more. Assemble your own PC and save! Updated with all new information for 1998.

Order# VID09 \$29.95



Personal Computer Repair

This instructional videocassette displays common problems and solutions for most desktop personal computers. Topics covered include power supplies, hard/floppy disk drives and motherboards. Also discussed are problems with RAM, CMOS batteries and controller cards. The video shows the proper way to clean and lubricate floppy drives and preventative maintenance designed to extend the lives of PCs.

Order# VID18 \$39.95



Computer Monitor Repair

Some of the topics covered include color loss, erratic horizontal and vertical displays, video compression, and loss of power. Both beginners and experienced technicians will find this video to be an indispensable tool. Get in on one of the most rapidly growing service industries today!

Order# VID23 \$39.95



Television Repair

CTC170/190 Chassis Repair

Hands-on repair techniques to solve one of the most common television failures seen today. Includes proper tuner/shield grounding rework and EEPROM replacement. Stats indicate that 40% of the TVs brought in for repair require these procedures displayed.

Order# VID22 \$39.95



Projection TV Repair & Maintenance

This video starts by explaining the similarities & differences between projection & standard TVs, including basic theory. Next, troubleshooting is covered, along with tube replacement & alignment. Convergence adjustment is covered in detail. The last segment addresses common failures & their solutions. This video assumes you have basic experience with television repair. (c) 1998.

Order# VID28 \$39.95



*If you would like information on becoming
a video distributor, please call us at 937-878-1828.*

Instructional Videocassettes

8mm Camcorder Repair

NEW!! This instructional video will help both beginning and experienced technicians service 8mm camcorders. With their small parts, 8mm camcorders are among the most time consuming and difficult equipment to repair.

Teaches time-saving repair techniques, proper troubleshooting, and proper assembly/disassembly methods, including a mechanism assembly/disassembly.

Order# VID24 \$39.95



Camcorder Repair

This instructional videocassette will introduce you to the exciting field of camcorder maintenance. Step-by-step, it will guide you through cover removal and disassembly. From there, you will learn the proper cleaning and lubrication methods. Belt replacement is next, followed by some common minor adjustments. A full mechanism alignment is also covered. VHS. 48 minutes.

Order# VID06 \$29.95



Notebook Computer Repair

A solid introduction into the profitable field of notebook computer repair. Includes detailed information on parts & component identification, troubleshooting and repairing common notebook failures, and a guide to upgrading or replacing components including memory, processors, hard drives, and more. No previous experience is needed and only common tools are required.

Order# VID29 \$39.95



DSS* Installation

NEW!! After viewing this hands-on presentation, you will be able to quickly and professionally install a DSS* type satellite system. Whether you are setting up your own system, or want to become a professional installer, this video will guide you through the entire process. Only common tools are needed.

Order# VID26 \$24.95



Microwave Oven Repair

First, basic theory is discussed. Next, we will locate and identify components of the oven, and describe the functions. The next portion deals with common microwave problems. The last segment will demonstrate hands on repair techniques, starting with safety and disassembly, magnetron and interlock switch replacement, diode replacement, and much, much more. Proper leakage detection will also be addressed.

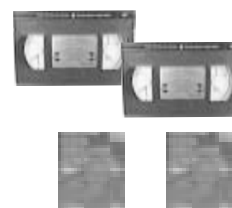
Order# VID12 \$39.95



Microwave Repair Course

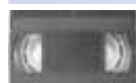
Troubleshoot/repair virtually any commercial or residential microwave. Covers magnetrons, capacitors, diodes, circuit boards, touch panels, switches, waveguides, fuses & more. Factory documented procedures and 100s of actual case histories. Contains touch panel diagrams for over 400 models.

Order# VID12PK \$69.95



2 Videos / 2 Books

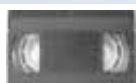
Appliance Service Training



Air Conditioner Fundamentals

Shows the operation of a room air conditioner refrigeration system, the complete refrigeration cycle, and how the components work.

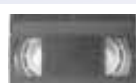
Order# VID60 \$39.95



Refrigeration Troubleshoot

Illustrates the proper steps and processes to follow. This video covers step-by-step evaluation of all major systems.

Order# VID74 \$39.95



Servicing Refrigerators

Discusses basic operation and what to check before a sealed system analysis involving the installation of a tape line valve.

Order# VID71 \$29.95



Gas Range Fundamentals

Teaches techs how to troubleshoot gas range problems, properly adjust burners, and repair all items in accordance with safety codes.

Order# VID76 \$39.95



Servicing Air Conditioners

Step-by-step coverage of troubleshooting, disassembly, and repair of the common failures seen in room air conditioners.

Order# VID61 \$39.95



Refrigeration Circuits

The electrical systems of refrigerators comprise most of the service work performed. Shows testing/troubleshooting of these circuits.

Order# VID75 \$39.95



Troubleshoot w/ Schematics

Electrical circuits & components are most of an appliance tech's business. Without understanding of schematics, this work is difficult.

Order# VID80 \$49.95



Cook Tops & Convection Ovens

Troubleshooting, component testing, and overall equipment operations are covered.

Order# VID77 \$39.95

Audio Alignment Test Tapes



Audio Alignment Test Tapes

These super high quality 30 minute cassette are an important tool for performing many common mechanism adjustments required by most decks today. Includes a full 20Hz to 20 KHz sweep, as well as 14 other stereo tones, recorded at -10dB. Perfect for adjusting your deck's azimuth and wow/flutter to perfection. These cassettes perform as well or better than ones available from the OEMs costing more than twice as much!

Normal- (120µs)

Order# CA01

\$19.95

High-Type II (70µs)

Order# CA02

\$19.95

Metal-Type IV (70µs)

Order# CA03

\$19.95

In Stock Orders shipped same day!

DVD Test Disc

Adjust your audio, video, & computer equipment to absolute perfection with the **DVD Test Disc** from Electronix. There's no need to purchase expensive pattern/sound generators... use your DVD player along with this economical test disc to output rock steady video test patterns, including full/split field color bars, grey staircase, various color rasters, and more. Full spectrum, crystal clear audio test tones accompany each pattern, including 20 to 20K sweeps, white noise, silence, and more. Patterns run continuously from the menu driven interface. This disc is a perfect addition to the A/V or computer technician's inventory, and a must for all audio and video enthusiasts.



Audio Alignment Test Tapes

HI-FI / Linear Alignment Test Tape

This professionally mastered video alignment test tape is perfect for service technicians and the video enthusiast. It contains an array of rock steady NTSC standard video patterns, including color bars, red raster, and two convergence patterns. The audio is recorded in both linear and HI-FI formats and contains a wide variety of test tones, including 20Hz, 100Hz, 250Hz, 400Hz, 800Hz, 1KHz, 2.5KHz, 4KHz, 6KHz, 8KHz, 10KHz, 12KHz, 15KHz, and 20KHz, all recorded at a level of -10dB. A full 20 to 20KHz sweep is also included. Each sinus tone is introduced with a computer synthesized voice, and has a duration of approximately 30 seconds. 30 minutes running time.

VHS	Order# VID10	\$34.95			
VHS-C	Order# VID10C	\$29.95	PAL	Order# VID20	\$49.95
S-VHS	Order# VID10S	\$39.95	SECAM	Order# VID21	\$49.95
3/4"	Order# VID16	\$49.95	8mm	Order# VID15	\$34.95

VCR/TV Playback Test Tape (VHS)

This super high quality 15 minute test tape will prove to be an important addition to your repair equipment inventory. It will assist in the adjustment of the tape path and audio/control head alignment, head switching point, luminance and chroma circuit, and tracking fix. Includes 30Hz audio tone, gray raster, NTSC color bars, and convergence patterns. Our best seller!

VHS Order# VID04 **\$24.95**



Videocassette & Software Value Packs

VCR Repair Pack

Great for learning VCR repair or training new employees. 6 videos:

- VID01 VCR Cleaning
- VID02/03 VCR Repair Vol. I & Vol. II
- VID05 Bad Video Heads
- VID07 Top Ten Electronic Problems
- VID17 G Chassis VCR Repair



Order# 55-100 **\$179.95 Save \$50.00**

Computer Repair Pack

Great for learning computer repair or training new employees. All videos cover IBM compatible computers. Contains 3 videocassettes:

- VID09 Computer Assembly
- VID18 Computer Repair Vol. I
- VID23 Computer Monitor Repair



Order# 55-050 **\$89.95**

Techdisk Value Pack

Almost 30,000 repair tips on VCR, TV, Computer Monitor, and Audio Equipment. Contains 4 disks:

- 56-101 VCR Repair Techdisk
- 56-125 TV Repair Techdisk
- 56-135 Monitor Repair Techdisk
- 56-265 Audio Quick Tips



Order# 55-070 **\$99.95**

Television Repair Pack

Great for learning television repair or training new employees. Contains 3 videocassettes:

- VID22 CTC 170/190 Chassis Repair
- VID27 Introductory TV Repair
- VID28 Projection TV Repair



Order# 55-060 **\$89.95**

Computer Mega Pack

Repair videos, repair tips, and monitor test program. Contains 3 videos and 2 disks:

- 56-135 Monitor Repair Techdisk
- 56-162 Teknix Monitor Checker
- VID09 Computer Assembly
- VID18 Computer Repair Vol. I
- VID23 Computer Monitor Repair



Order# 55-101 **\$129.95**

Technician Software Mega Pack

Service software for every need! Contains 10 disks:

- 56-101 VCR Repair Techdisk
- 56-125 TV Repair Techdisk
- 56-135 Monitor Repair Techdisk
- 56-162 Teknix Monitor Checker
- 56-265 Audio Quick Tips
- 56-300 VCR Model SuperCross
- 56-145 FCC ID Reference
- 56-107 Technician's Directory
- 56-230 IC Cross Reference
- 56-240 Transistor Reference



Order# 55-102 **\$225.00**



Television Repair

Troubleshooting & Repair Guide to TVs

Complete and up to date. More than 300 pages of repair info, timesaving tips and more. Completely illustrated w/ schematics, graphs, flow charts. Info on PIP, power supplies, more.
Order# 18-158 **\$34.95**

Troubleshooting & Repair Guide to Projection TVs

Detailed troubleshooting & repair information. Designed for both beginners and advanced users. Includes a case study of a popular projection TV set.
Order# 18-152 **\$34.95**

ES&T Presents TV Troubleshooting & Repair

Written by professional technicians. Info on TV circuit operation, detailed service procedures, & diagnostic hints. Allows you to service TVs more efficiently, quickly & economically.
Order# 18-159 **\$24.95**

Guide to Servicing RCA & GE Televisions

A detailed overview & analysis of RCA/GE chassis, including a history, technical literature, more. Covers the infamous "shrinking picture" tuner problem.
Order# 18-162 **\$34.95**

Computer/Monitor Repair

Computer Monitor Troubleshooting & Repair

NEW! Learn basic circuit info, tools & test equipment, safety procedures, problem finding, troubleshooting & repairing dozens of specific circuits, CRT faults, and much more.
Order# 18-143 **\$34.95**

Troubleshooting Your PC, 3rd ed.

The updated version of the best selling title. Includes info on Windows 95, Windows NT, Plug-n-Play, and the Internet. CD-ROM included.
Order# 18-161 **\$36.95**

1998 Computer Monitor Troubleshooting Tips

Contains over 2000 repair tips sorted by brand. Also includes schematics/parts list for the KD1700 series monitor. Added bonuses include a VGA operation overview, EEPROM info. Disk included.
Order# 18-145 **\$49.95**

ES&T Presents Computer Troubleshooting & Repair

Info on PCs, MACs. Includes a CD-ROM primer, hard drive repair, maintenance and upgrading, networking basics, monitor repair info. Includes diagnostic software.
Order# 18-157 **\$24.95**

Teach Yourself Upgrading & Fixing PCs in 24 hours

Step by step approach to repair/upgrade. Each lesson builds on the previous one, allowing the user to start at the ground level until he/she is familiar with most aspects of upgrading & repairing of PCs.
Order# 18-169 **\$19.99**

1999 Computer Monitor Troubleshooting Tips

Contains over 3500 repair tips sorted by brand and model number. Includes the most updated tips available for all major brands of monitors. Includes a diagnostic CD-ROM.
Order# 18-137 **\$49.95**

Computer Networking

Beginner's Guide to Networking

Illustrations, maps & detailed text teach the user to connect & use networks. Covers remote access, WAN & LAN networks, NetWare, & LANtastic.
Order# 18-106 **\$22.95**

Upgrade & Repair Networks

For beginning as well as advanced networkers. Includes a buyers guide for hardware & software, brand contrasts & comparisons, a comparison of popular network solutions, much more.
Order# 18-109 **\$49.95**

Cross Reference Guides

Sams IC Cross Reference Guide

Covers more than 35,000 ICs or modules. The complete guide to finding replacement or substitute ICs. All major types are covered in detail. 168 pages.
Order# 18-116 **\$29.95**

Semiconductor Cross Reference 4th Edition

Over 319,000 ID numbers cross referenced to the correct replacement. All major types of semiconductors are covered. Radio Shack, NTE, ECG, and RCA crosses.
Order# 18-115 **\$29.95**

VCR Repair

VCR Troubleshooting & Repair Guide

For the electronic hobbyist, layperson, or technician who needs a preventive maintenance and troubleshooting reference. Limited electronics experience is required to use it.
Order# 18-150 **\$27.95**

ES&T Presents VCR Troubleshooting & Repair

Designed for both beginners and advanced users. Contains detailed troubleshooting & repair info, as well as insider secrets designed to boost productivity.
Order# 18-151 **\$24.95**

The VCR Mechanical Repair/Cleaning Guide

An in depth guide to properly repairing and cleaning VCRs. All major repair topics for VCRs are covered in easy to understand terms. 222 pages with many illustrations.
Order# 18-110 **\$24.95**

Complete VCR Troubleshooting & Repair

Sound troubleshooting of external and internal parts of VCRs. Also contains nine case studies of common repairs. No complex tools or equipment needed.
Order# 18-156 **\$34.95**

Other Repair

Troubleshooting and Repairing Camcorders

This instructional book offers step-by-step procedures for troubleshooting and repairing camcorders. Camcorder repair is predicted by many to be the service industry of the 90s.
Order# 18-139 **\$24.95**

Understanding & Servicing CD Players

Designed as a bench-side companion and guide for repairing and adjusting CD players. Illustrated w/ many examples. Designed especially for technicians. Hardcover.
Order# 18-107 **\$49.95**

Troubleshooting and Repairing Test Equipment

Contains how to choose or build equipment, set up a bench and build a technician's tool kit. SMT testing is also included, as well as practical troubleshooting and repair information.
Order# 18-157 **\$24.95**

Basic Solid State Electronics

Covers and explains solid state electronic components including semiconductors, power supplies, audio and video amplifiers, transmitters, digital circuits and microprocessors. Over 800 pages.
Order# 18-102 **\$29.95**

Schematics & Study Guides

DVD Player Fundamentals

Info on features, specs, hookup, operation, common errors, more. Also includes technical info on track structure, servos, system circuits, processing/decoding, video & audio signals, pickup heads & lenses.
Order# 18-148 **\$29.95**

Satellite TV Technology

Covers all aspects of satellite technology in easy to understand language. Topics include installation, maintenance and repair, as well as an informative technical reference.
Order# 18-137 **\$39.95**

Test Procedures for Basic Electronics

Info on testing equipment, uses, and the appropriate translation of readings into practical repair information. A must for all technicians. 376 pages. Irving M. Gottlieb.
Order# 18-103 **\$19.95**

Schematic Diagrams

Teaches how to recognize schematic symbols and determine their uses and functions. Also, learn how to design, maintain and repair electronic equipment using schematics. A great follow up to the Beginner's Guide.
Order# 18-147 **\$19.95**

Power Supplies

Fundamentals and functions of supplies. Covers basic AC/DC energy, regulated and unregulated power supply systems, and linear/switching power supplies. Teaches how to build your own useful, working power supply as well.
Order# 18-121 **\$19.95**

Industrial Electronics

Covers theory and applications of industrial hardware. Contains overview of topics covered in the Industrial Electronics CET test as well as more general industrial electronics. A complete and focused manual.
Order# 18-122 **\$18.95**

Service Software



TV/VCR/Monitor Repair TECHDISK

contains over 10,000 VCR/18,000 TV/1800 monitor repair tips. All programs are simple to use. First, install on your IBM compatible computer-hard disk is required. Next, run TECHDISK and select the 'Search' option from the user friendly menu screen. Key in the model/chassis number of the VCR, TV, or monitor you are working on. Within seconds, TECHDISK will display all of the case histories that are on file for that particular unit, as well as similar make/model numbers. You can even add your own problems and solutions to the database for future reference (delete problems too). All repair TECHDISKs are updated annually, with hundreds of new problems and solutions for a nominal fee to registered users. **Current versions: TV 2.1 VCR 6.1 Monitor 2.1**

DOS Versions

VCR TechDisk	#56-101	\$39.95
TV TechDisk	#56-125	\$39.95
Monitor TechDisk	#56-135	\$29.95
Combo Pak TV/VCR	#56-130	\$69.95

Windows Versions

VCR TechDisk	#56-101W	\$39.95
TV TechDisk	#56-125W	\$39.95
Monitor	#56-135W	\$29.95
TV/VCR	#56-130W	\$69.95



Quick Tips

contains a database of 93,300 TV, 41,430 VCR/camcorder, 13,100 Audio, & 6,266 monitor repair tips. Tips are assembled from repair histories of over 500 service centers. You can search by model number, then by problem description. Also included is a manual cross reference for over 5000 models of VCR, TV, & monitors. This program gives you almost 1000 repair tips for each dollar spent! IBM compatible, CD-ROM only. Requires Windows 3.1 or later, 50 Mb hard drive space or run from the CD.

#56-400 \$149.95



Anatek Resolve Monitor Repair

Designed for serious computer monitor repair. 3,800 repairs on 887 monitors (CGA, EGA, VGA, SVGA, Multisync), sources for monitor semiconductors & magnetic components, manufacturer's cross reference & ID by FCC number. Windows only.

Windows #56-243W \$99.95

Deluxe version #56-243D \$199.95

(Includes 1 year free updates & membership to on-line discussion groups)



Electronic Manufacturer Directory

contains 100s of names, addresses, phone/fax/800 numbers, tech assistance lines, and BBS numbers. This information is invaluable when tracking down hard to find parts. The technical assistance phone numbers can help reach a factory trained service representative to help diagnose a tough repair problem. Contains information on TV, VCR, Computer, Microwave, Fax, Audio, and more.

DOS #56-107 \$29.95

Windows #56-107W \$29.95



VCR Model/Manual SuperCross

allows you to cross between various makes/models of many VCRs. For example, you need a part or service manual for a Sears model. From the user Main Menu of *SuperCross*, select the 'Model Search' option. Next, select the make and model that you wish to search. *SuperCross* will now display all makes/models which are mechanically the same! Contains approximately 2000 different makes and models, and you may add your own as well. DOS only.

#56-300 \$29.95

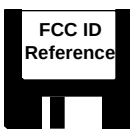


TEKNIX Monitor Checker

is useful for any technician performing monitor repairs. This Windows based program contains a series of tests designed to ensure proper monitor color and alignment.

Includes dots, color bars, gray scale and aspect patterns. User can customize number of steps, colors, and other pattern characteristics. Requires Windows 3.1 or later, Windows compatible monitor. Run directly from floppy or copy files to hard drive.

#56-162 \$24.95



FCC ID Reference

contains a database of FCC ID numbers from electronic equipment, including computer, audio, VCR, microwave, TV, more.

When the FCC ID number is keyed in, information about the original manufacturer of the equipment, including name and address, is displayed. This information can be important when you need a source for parts, service manuals, technical help lines, etc. *FCC ID Reference* contains approximately 50,000 entries, and you may add your own as well.

DOS #56-145 \$29.95

Windows #56-145W \$29.95



Quick Parts Search Software

A quick and easy way to look up parts for commercial or industrial equipment. This Windows compatible software contains over 30,000 models of TV, VCR, microwave, CD, receivers, cassette players. Over 6,500 models of Sony, 8,500 Panasonic, 3,100 Sharp, 1,800 Toshiba, 1,500 Hitachi, 2,200 JVC, 3,400 Zenith, 5,300 RCA and many more! Just type in the model number and the program will display parts listings. Saves hours and hours of wasted re-search time. All items printable. Floppy or CD-ROM.

#56-165F 3.5" Disk \$99.95

#56-165C CD-ROM \$99.95



Windows Semi-Cross

This program contains

over 289,000 total items! Includes the following:

IC Pin Layouts- 16,500 ICs. Description of each pin. Some entries contain voltage readings & you can edit/add your own, or print for later reference.

IC (59,400), Transistor (134,000), & Diode (79,400)

Cross Reference. Includes manufacturer's & generic part numbers. Windows 95/98, CD-ROM. Run from CD or install to hard drive (40 Mb).

#56-430 \$59.95

Service Software

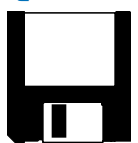
Service Pro Shop Management Software



The ultimate in management software. This full-featured program contains a service module that contains all of the features of Quick Service plus many new additions. Other modules include sales module for over the counter sales, purchase order module for ordering parts, parts inventory module for maintaining on-hand stock, accounting module to track all income, including tech sales/commission, accounts receivable module to handle incoming / pending payments, reports module for repair status, incoming equipment, money collected & 4 user definable reports, service manual database, phonebook. Prints to plain paper, tractor feed or receipt printer. Network compatible. IBM compatible, 8 MB of RAM, 5 MB hard drive space, Windows 95/98, Windows NT.

#56-410 \$199.95

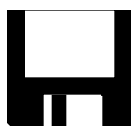
Quick Service Shop Management Software



Keeps a database of repair information and retrieves the data by customer name, claim check number, or customer phone number. Prints invoices, mailing labels, lists of date in/ units finished, & invoices on plain paper. Keeps track of inventory by part number, cost, retail, quantity on hand and reorder point. Includes a service manual inventory feature and a module which contains sales and accounts receivable features. Network compatible. IBM compatible, 4 MB of RAM, 3 MB hard drive space. DOS.

#56-200 \$99.95

Quick Service for Windows



All the features of the DOS version with exciting new additions. Places icons on your desktop so individual components (accounts receivable, purchase orders, repairs, etc.) are available with the click of a mouse. Also, the user can customize invoices to include tips for the customer, common problems or detailed payment information in one step. [Increased search capacity--search by any field!](#) Requires Windows 3.1 or later, 3 MB free hard drive space.

#56-200W \$179.95

Audio Quick Tips



An easy to use, timesaving program for anyone who repairs audio equipment. Contains over 1,100 service tips for CD players, receivers, stereos, microwave ovens, and much, much more. You can even add your own problems and solutions!

#56-265 \$19.95

Techdisk Value Pack

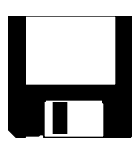
Almost 30,000 repair tips on VCR, TV, Computer Monitor, and Audio Equipment. Contains 4 disks:

- 56-101 VCR Repair Techdisk
- 56-125 TV Repair Techdisk
- 56-135 Monitor Repair Techdisk
- 56-265 Audio Quick Tips

#55-070 \$99.95



Service Shop Management Software



Keeps a database of repair information & retrieves data by customer, claim check, or customer phone number. Prints invoices, mailing labels, lists of date in/units finished, & invoices on plain paper. Keeps track of inventory by part number, cost, retail, quantity on hand and reorder point. Also includes a service manual inventory feature and an accounting module which includes sales and accounts receivable features. Prints to plain paper, NARDA forms, or receipt printer. Tracks up to 20 technicians with labor/parts commissions. Network compatible. IBM compatible. 4 MB of RAM. 3 MB hard drive space.

#56-190 \$149.95

Transistor Cross Reference



A quick and easy way to cross Japanese transistors. This cross reference is compiled so the user can substitute transistors that perform identically, despite their different part numbers. The crosses are made according to maximum ratings and electrical characteristics. Contains approximately 8,000 entries.

#56-240 \$19.95

IC Cross Reference



This program looks up and displays the pin layouts of ICs. Covers power regulators, motor drivers, voltage regulators, TVs, VCRs, computer, fax machines, audio equipment and many other types of electronic equipment. Basic voltage readings for pin layouts are available or enter your own for future reference. All entries are printable and editable. Approximately 7,000 entries.

#56-230 \$34.95

VCR Quick Reference



A helpful database for any VCR servicer. This program contains over 3100 models and the 30 most popular parts for each model. Contains entries for heads, belts, RF modulators, idlers, brakes, rollers, mode switches, remotes, and much more. Add your own or edit any existing entry. Saves valuable hours of research time.

#56-210 \$49.95

Parts Cross Reference



A vast database of VCR/camcorder parts. This program crosses identical items between brand names. For example, you need a Sony belt. Using the cross reference, you find that you already have an identical belt with an RCA number. Over 38,000 parts- all major manufacturers.

#56-220 \$39.95

Technician Software Mega Pack

10 disks for all your service needs:

- | | |
|--------------------------------|-------------------------------|
| 56-101 VCR Repair Techdisk | 56-145 FCC ID Reference |
| 56-125 TV Repair Techdisk | 56-107 Technician's Directory |
| 56-135 Monitor Repair Techdisk | 56-230 IC Cross Reference |
| 56-162 Teknix Monitor Checker | 56-240 Transistor Reference |
| 56-265 Audio Quick Tips | |
| 56-300 VCR Model SuperCross | |

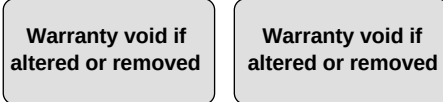
#55-102 \$225.00



Repair/Service Forms

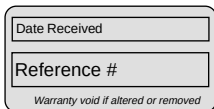
Security Foil Stickers

Silver foil adhesive stickers. 1" x 2". Helps prevent tampering w/ serviced equipment. Sold in packs of 100, or a 1000 piece cost-saving roll.



Order# 23-106 **\$5.95**/100 pack
Order# 23-106A **\$53.95**/1000 pack

Equipment ID Stickers



White, 100 per pack. Keeps track of date in and repair claim number. 1" x 2" w/ black lettering.

Order #23-107 **\$5.95**/100
Order #23-107A **\$53.95**/1000

TV Service Call

50 Triplicate sets
Blank Imprint Area
4" x 9" in Size

Order# 107-104

\$2.85(10up) \$3.35(1-9)



TV/Radio Job Ticket

Spiral Bound
3 Part Manila Tag
100 Per Book
Consecutive numbers

Order# 107-108

\$6.75(10up) \$7.45(1-9)



TV/Radio Cash Sales

3 part form w/ carbon.
50 Per Book
Consecutive numbers

Order# 107-100

\$2.60(10up) \$2.95(1-9)



Our Most Popular Equipment Repair Forms

3 part carbon w/ claim check and equipment tag. Blank imprint area for your rubber stamp. Consecutive numbering. Form compatible for use in all 50 states. A great buy on a professional form! Box of 100

Order# F130A

\$13.95 (5 boxes up) \$14.95 (1-4)

Service Order

50 Triplicate sets
Blank Imprint Area
Consecutive #s.

Order#107-77

\$4.29(10up) \$4.50(1-9)

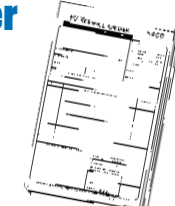


TV Service Order

50 Duplicate sets
Blank Imprint Area
4" x 8" in Size

Order# 107-44

\$1.95(10up) \$2.45(1-9)



Service Invoice

50 Duplicate sets
Blank Imprint Area
2 Part Form

Order#107-332

\$2.19(10up) \$2.49(1-9)



Sales Invoice

50 Duplicate sets
Blank Imprint Area
2 Part Form

Order#107-333

\$2.19(10up) \$2.49(1-9)



Electronic Repair Form

100 per box. 3 part carbonized form. Tear off claim check and equipment tag. Section for on-site service info. included.

Order# 107-528

\$14.25 (5 up) \$14.95 (1-4)



Electronic Repair Tie Tag

100 per box.
3 Section manilla tag.
Tie to equipment.

Order# 107-801

\$7.99(10up) \$8.49(1-9)



Equipment Pick-Up

100 per pack. For contacting hard to reach customers. Informs customer about repair cost, ready for pick up, uneconomical to repair, estimate amount & other. 4.5" by 5.5". Contains areas for rubber stamp.

Order# 107-650

\$7.29(10up) \$7.95(1-9)

If you need more information on a form, call us and we will fax or mail you a copy!

Fax/Mail-In Order Form

Please Print Clearly

Company: _____
 Your Name: _____
 Street: _____
 City, State Zip: _____
 Telephone: () _____
 Fax Number () _____
 PO Number: _____ Attn: _____

ELECTRONIX
CORPORATION

1 Herald Square
Fairborn, OH 45324-5144

Orders (800) 223-3205

Fax (800) 352-9961

Method of Payment

☐ Prepaid

Company checks and
money orders accepted.

☐ Credit Card

MasterCard, VISA, Discover, Amex

☐ COD

All COD shipments made
via UPS COD in the USA.

Please indicate:

☐ No Backorders

Backorders under \$10 are automatically cancelled.

Card#: _____
Name: _____ Exp. _____
Signature: _____

[illegible]

Shipping Charges

Prepaid

\$15 to \$49.99	\$6.50
\$50 to \$99.99	\$7.75
\$100 up	\$9.00

Credit Card

UPS Chart Rate +
\$2.00 handling

COD

UPS Chart Rate +
\$2.00 handling +
\$5.00 COD Charge

Sub Total

Sales Tax*

Shipping

Total

*Ohio residents must add 6% sales tax.

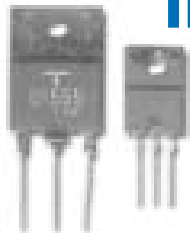
Minimum Order \$15.00

ORDER LINE
800.223.3205

FAX ORDERS
800.352.9961

ORDER ON-LINE: [HTTP://WWW.ELECTRONIX.COM](http://WWW.ELECTRONIX.COM)

Transistor/IC Sale!



2SC4834 \$2.99	LA7838 \$2.39
2SC4927 \$4.79	BU2508DF \$2.99
2SD1555 \$1.89	BU2520DF \$2.89
2SD1650 \$1.99	BU2525AF \$3.69
AN5521 \$1.89	TDA3654Q \$2.19
LA7837 \$2.39	TD8561Q \$4.99

VCR Audio Board

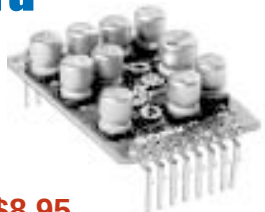
RCA# 201632

Hitachi# 1381181

Sony# 8-746-371-10

#8-746-371-11/20

Order# 8-746-371-10 **\$8.95**



In-Line Amplifier

20dB 450-2050MHz. Sloped gain for long runs. Impedance 75 ohm. Output level 105dBuV max. 500 mA max DC pass.

Order# 45-625 **\$7.95**



Universal Remote Controls

Sony RM-768

Universal for Sony TVs. #45-222 **\$9.99**

Sharp G0895

Universal for Sharp TVs. #45-224 **\$9.99**

Sony RM-Y123

Universal for Sony TVs. #45-231 **\$9.99**

See page 35 for more!

Value Pocket Analog Multimeter

DC 0-1000V, AC 0-1000V. DC current 0-250mA. 7 Ranges DC, 4 ranges AC. Mirrored scale reduces parallax. Sensitivity 2000 ohm/volt DC/AC. Complete with leads & manual.

Order# DM119 **\$4.95**



Quantam 2000 LED Flashlight

Durable rubber design. Weatherproof, floats in water. 50 hours of bright light on 4 AA batteries. Shock resistant. Ultra bright white LED.

Order# SD922 **\$34.95**

60 Watt Adjustable Solder Iron



6 settings from 5 to 60 watts. Digital display. shutoff protection.

#SD111 **\$29.95**

Playstation Pickup Repair/Rebuild Kit



Don't replace the whole mechanism when this kit will solve many of the "can't read disc" errors many Playstations experience. See page 32 for more information.

Order# KSM-440PRK **\$5.95**

ELECTRONIX

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