

# Heathkit Cross Reference

Updated 12/11/03

Heath P/N	Generic P/N	Alternate 1	Alternate 2	Description
<b>Signal Diode</b>				
56-4	HD2257			Hughes Crystal Diode
56-5	HD6226			Hughes Crystal Diode
56-6	1N710	1N754		6.8 V Zener
56-7	1N2326			1.0 V 100mA Germanium V-Ref
56-8	ED-5			Erie Crystal Diode
56-9	1N294			Crystal Diode
56-10	G247			47pF Varactor
56-11	1N60A			Crystal Diode
56-12	1N2940			Crystal Diode
56-13	1N5943A	1N5370A		56 V Zener
56-16	1N751A	1N5231B	1N4733A	5.1 V Zener
56-17	STD633			Tunnel Diode
56-19	1N757A	VR9.1	1N5239B	9.1 V Zener
56-20	1N295	1N295S	1N60H	40V 35mA Germanium
56-24	1N458			150 PIV 100 mA Switching
56-25	1N4166A	1N4744		15V Zener
56-26	1N191			90 PIV 5 mA Germanium
56-27	S160			1500V 12A DO-4
56-29	VR110			110V Zener
56-31	PS18775			6.8 V Zener
56-32	VR13.5			13.5 V Zener
56-33	1N3754			100 PIV 0.13A Switching
56-35	1N4951			Dual Diode (Common Cathode)
56-36	VR16.1			16.1 V Zener
56-44	1N4653			4.7 V Zener
56-45	VR20			20 V Zener
56-46	1N4739A	1N5239B		9.1 V Zener
56-47	MZ1000-23			27 V Zener
56-48	BZT110A	1N3814	1N5379B	110 V Zener 15 mA
56-49	MV1638			30-36pF Varactor Diode
56-50	DO-7	5D20		2000 PIV 5mA DO-7
56-54	VRS-5A			5V Zener
56-55	VR36A			36 V Zener
56-56	1N4149	1N4148		100 PIV 10mA Switching
56-57	1N716A			12 V Zener
56-58	1N709A			6.2 V Zener

56-59	1N750A	1N5230B	1N4732A	4.7 V Zener
56-61	STB620			Stabistor (IG-1271)
56-63	MZ500-10			5.6 V Zener
56-64	MZ1000-24			30 V Zener
56-66	VR43	1N3035		43 V Zener
56-67	VR10A	1N4740A		10 V Zener
56-68	ZVR-68	1N5945A	1N5373A	68 V Zener
56-71	1N825A			6.2V Temp Comp Zener Diode
56-72	1N4755A			6 V Voltage Reference Diode
56-73	MZ2360			0.65 Forward Voltage Ref
56-74	MZ2362			2.00 Forward Voltage Ref
56-75	1N5338B			5.1 V Zener
56-76	1N972B			30 V Zener
56-77	FV1010			
56-78	FH6259			
56-79	R4507-5			
56-82	1N3996A			5.1V Zener Diode 10W Stud-Mtg
56-84	1N4148			100 PIV 10mA Switching
56-85	SZ5.0			5.0 V Zener
56-86	FD777			15 PIV 50mA RF
56-87	FH1100	1N5390		5 PIV "Hot Carrier" 890MHz
56-89	GD510			25 PIV 100mA Germanium
56-90	1N4742A			12 V Zener
56-91	1N823A			6.2 V Zener
56-93	FD333			125 V 150mA RF
56-94	Selected Zener			12.8 V @ 12 mA
56-97	VR7.5	1N3017		7.5 V Zener
56-99	1N5223B			2.7 V Zener
56-602	Unspecified			10 V PIV 200mA Germanium
56-604	1N4752A			33 V Zener
56-605	1N4746A			18 V Zener
56-606	1N5353B			16 V Zener
56-607	1N82AG			Silicon diode UHF Mixer
56-608	Unspecified			9.1 V Zener
56-612	1N5229B			4.3 V Zener

56-613	MV2110	1N5231B(?)		35-43pF Varactor Diode
56-616	1N5232B			5.6 V Zener
56-617	1N5277B			160 V Zener
56-619	1N4733A			5.1 V Zener
56-620	1N4744			15 V Zener
56-621	1N4738A			8.2 V Zener
56-626	Selected Zener			56 V Zener 8mA
56-627	1N4741			11 V Zener
56-628	BY206			600PIV 1A Fast Recovery Diode
56-629	BZX83C3V			3V Zener
56-630	1N4748A	1N5933A		22 V Zener
56-634	2EZ82D5	1N5947A	1N5375A	82 V Zener
56-636	5082-2811	HP-5082	HP-2811	15V 20mA Schottky Diode
56-637	PS18775			6.8 V Zener
56-640	MV2110			35-43pF Varactor Diode
56-642	MV2107			22 pF Varactor Diode (at 4.0V)
56-646	BA-244			35 PIV 100A DO-35
56-648	MV109			26-32pF Varactor Diode
56-652	1N4448			75V 0.45A High Speed Switching
56-653	Selected Zener			91 V Zener
56-655	1N6263	SD101A		60 PIV 15mA Schottky
56-658	1N5249			
56-659	1N5998B			Selected Zener 8.2 V

56-669	1N5524D		5.6 V Zener
56-674	MV209		26-32pF Varactor Diode
56-675	MPN3404		20 PIV 10 mA Switching Diode
56-688	1N823A		
56-695	LM385Z-2.5		2.5V Zener Micro-Power TO-92
56-876	MBD201		K Band UHF/Micro TO-92

***Rectifier Diode***

57-1			Selenium Rectifier 250 PIV
57-2			65 mA Half Wave Sel Rectifier
57-6			Selenium Rectifier 450 PIV
57-7			Dual Half Wave Sel Rectifier
57-11	CX2C2D	Bradley CS2C2D437	Selenium Rectifier
57-12			Bridge Rectifier 150 PIV 150mA
57-13	Sarkes Model 50		Selenium Rectifier 200 PIV
57-15			100 mA 130 PIV
57-16			100 mA 175 PIV
57-17			500 mA
57-18			20 Amp
57-20			500 mA
57-21	Unspecified		150 mA
57-22			10 mA 130 PIV Selenium Recti
57-23			200 mA 200 PIV
57-25			65 mA 130 PIV
57-27	1N2071	1N4005	600 PIV 1A Rectifier
57-29	U-131		Silicon Diode (Selected)
57-34	1N3491		400V 25A Rectifier
57-40			SCR
57-42	3A1	1N5403	300 PIV 3A Rectifier
57-46	DRS102		600V 1A DO-41
57-50	TIC44	TI1001	30V 800mA SCR TO-92
57-51	TIC47		200V 800mA SCR TO-92
57-52	DO-7	5D20	2000 PIV 5mA DO-7
57-56	SCM-30		3000 PIV 5mA DO-7
57-57	GRS7PH280BAB		

57-58	40642		
57-59	40643		
57-60	40644		
57-64	DRS-110	1N4007	1000V 1A DO-41
57-65	1N4002		100 PIV 1A Rectifier
57-67	10A20		Full Wave Bridge
57-71	1N825A		6.2V Temp Comp Zener Diode
57-84	45412	1N5759A	DIAC
57-85	40668		TRIAC
57-86	SPS135	NL576A	SCR
57-88	MDA990-2		100V 30A FW Bridge Rectifier
57-89	MR1122		200 PIV 12A DO-203
57-91	41018		
57-94	41021		
57-95			Diode Bridge
57-99	2N6151		Triac
57-602	S3900MF		
57-603	S3901M		
57-604	SR711A		Dual Diode Common Anode TO-3
57-607	1N5817		20 PIV 1A Schottky Rectifier
57-608	1N5831		25 A Schottky rectifier (Stud)
57-609	1N5393		200 PIV 1.5 A
57-610	FM-50		6000 PIV 3 mA
57-612	T2302F	H103SG	Triac
57-614	MR-508		800 PIV 3 A
57-615	MBS4991		Bilateral Switch
57-621	MBS4992		Diac
57-622	106A1		SCR
57-624	2N5061		60V 500mA SCR TO-92
57-625	SB1020	MBR1035	

**Assemblies**

100-1727	Temp Sensor	New Stock Available	Temp Sensor for ID-4001/5001
100-1728	Temp Sensor	New Stock Available	Temp Sensor for ID-4001/5001

**Solid-State Tube**

150-57	TR-1002		Solid-State "6AL5" Replcmnt
150-58	TR-1119		Solid-State "12AU7" Replcmnt

**Crystal**

404-12	Crystal Filter		For RX-1
404-201	Crystal Filter 3750		For SB-300
404-202	Crystal Filter 400		For SB-300
404-205	Crystal Filter 3393		For SB-101,102,303,313
404-283	Crystal Filter 2100		For SB/HW series
404-284	Crystal Filter 3395		For SB/HW series
404-314	Crystal Filter 5000		For SB-310,313
404-328	Crystal Filter 2100		6-pole
404-548	Crystal Filter 400		For SB-104

**Display**

411-89	FND500			7-Seg Display Common Cathode
411-264	NL905S	B-5859S	NL1220	"Nixie" Display tube
411-281	SP-733			Sperry/Beckman 3 Digit Display
411-284				"Nixie" Display tube
411-286	SP-352			Sperry/Beckman 2 Digit Display
411-290	SP-353			Sperry/Beckman 3 Digit Display

411-295	SP-352			Sperry/Beckman 2 Digit Display
411-807	TIL308			BCD Display Driver LED
411-819	FND500			7-Seg Display Common Cathode
411-823	FND507			7-Seg Display Common Anode
411-825	FND367	FND5141		7-Seg Display Common Cathode
411-831	TIL-312			7-Seg Display
411-835	5082-7760			7-Seg Display Common Cathode
411-836	Futaba 4BT-04			LCD Clock Display (4 Digit)
411-843	Beckman 739-02050	Hamlin 3933-363-159	AND FE0203	LCD Display (3 1/2 Digit)
411-859	DS108	5082-7756		+1. Display Common Cathode
411-860	5082-7760			7-Seg Display Common Cathode
411-874	5082-7730			
411-875	MAN-			7-Sec Display Common Anode
411-885	FND500			7-Seg Display Common Cathode

**Display**

412-66				Lamp IG-18 /IG-5218
412-79	TIL209			
412-616	FLV117			LED T 1 3/4 Red
412-621	Custom Lamp			5V 120 mA 20,000 Hr T-1 Wedge
412-633	5082-4484			LED
412-634	5082-4670	HLMP-0301		LED
412-635	TIL32	QEC113		IR LED T1
412-640	LST5053			LED

412-644	LST71	LED (Red/Green)
412-646	151B	LED
412-647	251B	LED
412-648	SL247504	4 Digit Display
412-652	LT4233	
412-654	HLMP-1002	LED
412-657	HLMP-504	

***Transistor***

417-1	2N109	PNP 35V 150 mA TO-40 (Ger)
417-2	2N252	PNP 20V 10mA TO-22 (Ger)
417-3	2N253	NPN 12V 5mA TO-22 (Ger)
417-4	2N254	NPN 20V 5mA TO-22 (Ger)
417-5	2N238	PNP 20V 10mA TO-22 (Ger)
417-6	2N185	PNP 20V 100mA TO-22 (Ger)
417-7	2N308	PNP 20V 5mA TO-22 (Ger)
417-8	2N309	PNP 20V 5mA TO-22 (Ger)
417-9	2N442	PNP 50V 150mW (Ger)
417-10	2N140	
417-11	2N1108	PNP 16V 5 mA (Ger)
417-12	2N1110	PNP 16V 5 mA (Ger)
417-13	2N1111	PNP 16V 5 mA (Ger)
417-14	2N373	PNP 15V 100mA (Ger)
417-15	2N374	PNP 15V Hi Speed (Ger)
417-16	2N544	PNP 35V 10mA TO-7 (Ger)
417-17	R-250	PNP 25V 150mA 150mW (Ger)
417-18	2N408	PNP 20V 70mA TO-1 (Ger)
417-19	R-270	PNP 20V 150mA 150mW (Ger)



417-20	2N2553	R265A	2N1039-1	PNP 40V 3A Str-10 (Ger)
417-21	2N1274			PNP 25V 50mA TO-5 (Ger)
417-22	2N1107			PNP 16V 5 mA (Ger)
417-23	2N1109			PNP 16V 5 mA (Ger)
417-24	R-251			PNP 25V 150mA 150mW (Ger)
417-25	2N1396			PNP 40V 2mA TO-33 (Ger)
417-26	2N1225			PNP 40V 10mA TO-12 (Ger)
417-27	2N409			PNP 10V 15mA TO-40 (Ger)
417-28	2N407			PNP 20V 35mA (Ger)
417-29	2N1147			PNP 100V 5mA TO-41 (Ger)
417-30	CDT1337	2N301GD		
417-31	TS600RF			PNP 8V 1mA 600mW (Ger)
417-32	2N383	T1443		PNP 50V 400mA TO-5 (Ger)
417-33	R-424			
417-34	TS600RFA			PNP 8V 1mA 600mW (Ger)
417-35	TS603			PNP 32V 1A TO-3 (Ger)
417-36	R-425			
417-37	2N1726			PNP 20V 50mA TO-9 (Ger)
417-38	2N1727			PNP 20V 50mA TO-9 (Ger)
417-39	2N1108 Selected			PNP 16V 5 mA (Ger)
417-40	T-6025			PNP 20V 50mA 30mW 50MHz (Ger)
417-41	T-6026			PNP 20V 50mA 30mW 50MHz (Ger)
417-42	CQT701A	2N1548		PNP 60V 5A TO-3 (Ger)

417-43	2N398A	PNP 50V 150mA TO-5 (Ger)
417-44	2N2147	PNP 75V 5A TO-3 (Ger)
417-45	34425	PNP 50V 5A 13W 4MHz (Ger)
417-46	34022	PNP 32V 5A 13W 3MHz (Ger)
417-47	T-1577	
417-48	T2286	PNP 18V 150mA 200mW (Ger)
417-49	34422	PNP 16V 15mA 35mW (Ger)
417-50	TI363	PNP 20V 10mA 700MHz (Ger)
417-51	2N185	PNP 20V 100mA TO-22 (Ger)
417-52	2N383	
417-53	TI364	PNP 20V 10mA 900MHz (Ger)
417-54	T2384	
417-55	2N1745	
417-56	T2379	
417-57	2N1747	PNP RF-Amp (Ger)
417-58	34423	PNP 13V 15mA 80mW (Ger)
417-59	2N2217	NPN 60V 800mA TO-5
417-60	SP838	PNP 45V 25A 100W (Ger)
417-61	2N1546	PNP 80V 10A 90W (Ger)
417-62	34715	PNP 32V 5A 13W 3MHz (Ger)
417-63	GC539	
417-64	GC540	
417-65	GC541	

417-66	34942		
417-67	2N2712		NPN 18V 100mA TO-98
417-68	35070		
417-69	2N2711		NPN 18V 100mA 200mW 120MHz
417-70	2N2671		PNP 25V 10mA TO-12 (Ger)
417-71	2N2654		PNP 25V 10mA TO-12 (Ger)
417-72	2N2495		PNP 40V 10mA TO-12 (Ger)
417-73	2N1525		PNP 20V 10mA TO-72 (Ger)
417-74	2N1526		PNP 24V 10mA TO-1 (Ger)
417-75	4JX1D925		PNP 12V 200mA 200mW 5MHz (Ger)
417-76	2N2089		PNP 32V (Ger)
417-77	2N2712 Selected		NPN 18V 100mA TO-98
417-78	2N1524		PNP 24V 10mA TO-1 (Ger)
417-79	A1384		PNP 32V 30mA 120mW (Ger)
417-80	MM1056		PNP 45V 100mA 150mW (Ger)
417-81	2N2646		Uni 35V 2A 300mW
417-82	B846		
417-83	L842	2N3854	NPN 30V 50mA TO-92
417-84	E843		NPN 30V 50mA TO-92
417-85	E844		NPN 30V 50mA TO-92
417-86	A845	2N2924	NPN 30V 500mA TO-92
417-87	PT3141A		NPN 30V 400mA 800mW 250MHz
417-88	PT3141B		NPN 60V 400mA 800mW 250MHz

417-89	PT3141C		NPN 65V 400mA 800mW 250MHz
417-89	7409		25 V Dual Gate N-ChN MOSFET
417-90	40050		PNP 40V 5A TO-3 (Ger)
417-91	2N5232A		NPN 50V 100mA 0.3W TO-92
417-92	2N3390		NPN 25V 100mA 200mW 120 MHz
417-93	2N3646		NPN 15V 200mA TO-106 (200MHz)
417-94	2N3416		NPN 50V 500mA TO-92
417-95	ME4041		PNP
417-96	4JX5E670		Unijunction Transistor
417-97	155TIP		PNP (Ger)
417-98	TIXM205		PNP (Ger)
417-99	2N2148		NPN 40V 10mA TO-18 (300MHz)
417-100	2N3053	36632	NPN 60V 700mA 1W TO-39
417-101	TA2577A		NPN 100V 15A TO-3
417-102	2N1302		NPN 25V 300mA 150mW 3 MHz
417-103	2N1303		PNP 30V 300mA TO-5 (Ger)
417-104	37436		
417-105	SE5023		NPN 45V 50mA 600MHz
417-106	SE5024		NPN 45V 50mA 600MHz
417-107	SE5025		NPN 45V 50mA 600MHz
417-108	2N3692		NPN 20V 200mA TO-92 (200MHz)
417-109	2N3566		NPN 30V 200mA TO-105 (40MHz)
417-110	S2090		

417-111	2N3638	PNP 25V 500mA 700mW 140MHz
417-112	2N3731	PNP 320V 10A TO-3 (Ger)
417-113	MP1613	PNP 90V 7A 85W (Ger)
417-114	2N3567	NPN 40V 500mA TO-105 (60MHz)
417-115	2N3923	NPN 300V 10mA TO-39
417-116	S2091	PNP 80V 1A
417-118	2N3393	NPN 25V 0.5A .625W TO-92
417-119	CA3013	Transistor Array (TV-Sound)
417-120	DTG110B	PNP Germanium Power Transistor
417-121	2N2430	NPN 32V 300mA TO-1 (Ger)
417-122	2N2431	PNP 32V 300mA TO-1 (Ger)
417-123	CA3012	Wide Band IF Amp (Linear IC)
417-124	2N3564	
417-125	2N3563	NPN 30V 200mA TO-106 (300MHz)
417-126	2N3565	NPN 25V 200mA TO-106
417-128	SE8010	NPN
417-129	2N3706	
417-132	MPS6517	PNP 40V 100mA 310mW 390MHz
417-133	40245	NPN 45V 300mA TO-72 (UHF)
417-134	MPS6520	NPN 25V 100mA TO-92 (120MHz)
417-135	2N3859A	NPN 30V 100mA TO-98 (100MHz)
417-136	40408	NPN 90V 700mA TO-5 (100MHz)
417-137	40409	NPN 90V 700mA TO-5 (100MHz)

417-138	40410		PNP 90V 700mA TO-5 (100MHz)
417-139	40411		NPN 90V 30A 150W TO-3
417-140	2N4304		JFET 30V 15mA TO-106 (N-Ch)
417-141	2N2869	2N301	PNP 50V 10A TO-3 30W (Ger)
417-142	DTG-600		PNP 50V 15A 60W TO-204 (Ger)
417-143	2N3588		PNP 32V 10mA 100mW 270MHz (Ger)
417-144	MJE521		NPN 40V 4A 40W TO-127
417-145	MJE371		PNP 40V 4A 40W TO-126
417-146	2N1274		PNP 25V 50mA TO-5 (Ger)
417-147	2N1274		PNP 25V 50mA TO-5 (Ger)
417-148	2N1274		PNP 25V 50mA TO-5 (Ger)
417-149	2N1274		PNP 25V 50mA TO-5 (Ger)
417-150	2N1274		PNP 25V 50mA TO-5 (Ger)
417-151	2N1274		PNP 25V 50mA TO-5 (Ger)
417-152	2N1274		PNP 25V 50mA TO-5 (Ger)
417-153	2N4248		PNP 40V 50mA 200mW
417-154	2N2369	2N2369A	NPN 40V 200mA .36W TO-18
417-155	2N3641		NPN 60V 500mA
417-156	MC724		RTL Logic
417-157	MC790		RTL Logic
417-159	2N4054		NPN 300V 50mA 4W 28MHz
417-160	2N4055		NPN 200V 50mA 4W 28MHz
417-161	D16P4		NPN 30V 200mW

417-162	2N3055	MHT9210	NPN 100V 15A 115W TO-3
417-163	WC115T		Op Amp
417-164	16G2349		
417-165	MC723		RTL Logic
417-166	MC725		RTL Logic
417-167	UC734		JFET 30V 10mA TO-72 (N-Ch)
417-168	TIS37		PNP 80V 1A TO-92
417-169	MPF105	2N5459	JFET 25V 16mA TO-92 (N-Ch)
417-170	MPS6522		PNP 25V 100mA TO-92
417-171	2N3694		NPN 45V 30mA TO-106 (200MHz)
417-172	MPS6521		NPN 25V 100mA TO-92 (120MHz)
417-173	ETS083	2N2509	NPN 80V 200mA TO-18
417-174	PET9001		NPN 40V 50mA 250mW 400MHz
417-175	2N5294	TA2911	NPN 75V 4A TO-220 (800kHz)
417-176	2N4250		PNP 20V 100mA 200mW 200MHz
417-177	2N1522		PNP 40V 50A 30W (Ger)
417-178	40389		NPN 40V 700mA TO-5 (100MHz)
417-179	SDT1005		NPN 300V 3A 100W
417-180	40346		NPN 175V 1A TO-5
417-181	40391		PNP 60V 1A TO-5 w/HS
417-182	2N3702		PNP 40V 200mA 300mW 100MHz
417-183	2N4894		
417-184	2N4058		PNP 30V 30mA 250mW

417-185	SKA4141			NPN 80V 200mA 310mW 200 MHz
417-186	2N3958			JFET 50V 5 mA TO-92
417-187	TIS43			Uni 30V 1A 300mW
417-188	40468			FET Nch
417-189	FD1382			JFET Nch 50V 500uA 500mW
417-190	40481			NPN 45V 50mA TO-72
417-191	TD101			NPN 60V 500mA 200MHz
417-192	40315			NPN 35V 700mA 3W 100MHz
417-193	40390			NPN 250V 1A 3W 30MHz
417-194	MPF104			JFET Nch 25V 9mA 200mW
417-195	MJE340			NPN 300V 500mA 20W TO-225
417-196	2N5138			PNP 30V 200mW 120MHz
417-197	PET1075			NPN 40V 150mA 800mW 150MHz
417-198	2N4360			JFET Pch 20V 30mA 500mW 1MHz
417-199	2N3738			NPN 250V 3A 20W 10MHz
417-200	X29A826			PNP 80V 1A TO-92
417-201	X29A829	D29A4	2N3906	PNP 80V 1A TO-92
417-202	CA3034			Op Amp
417-203	TA7311			NPN 70V 10A TO-127
417-205	2N3866			NPN 55V 400mA TO-39 (UHF)
417-206	40673	40675	3N201	Dual Gate MOS-FET 20V 50mA TO72
417-207	40468			MOS-FET 20V 20mA TO-104 (N-Ch)
417-208	TD402			Dual PNP 40V 500mA 400mW 100MH



417-209	MD8001			Dual NPN 40V 30mA 1W
417-210	B5021			NPN 35V 3A 57W
417-211	40603			Dual FET Nch 20V 18mA 220mW
417-212	2N5036			NPN 70V 8A 83W 2.8 MHz
417-213	2N5249A			NPN 50V 100mA 0.3W TO-92
417-214	2N3772			NPN 90V 30A 150W 800 kHz
417-215	2N3055			NPN 100V 15A 115W TO-3
417-216	2N3614			PNP 35V 7A 77W 300kHz (Ger)
417-217	2N706A			NPN 25V 50mA 300mW 400MHz
417-218	TZ1160			
417-219	SS9328			PNP 180V 1A TO-202
417-220	SS9327	MM3006		NPN 180V 1A TO-202
417-221	TZ582			PNP 60V .5A TO-92
417-222	2N5308			NPN Dar 40V 300mA 0.4W TO-92
417-223	40653	40675	3N201	Dual Gate MOS-FET20V 50mA TO72
417-224	MPSU05			NPN 60V 2A Mot "Uni-Watt"
417-225	MPSU55			PNP 60V 2A Mot "Uni-Watt"
417-226	2N5133			NPN 20V 100mA 500mW 20MHz
417-227	2N4064			NPN 300V 1A 10W
417-228	SE5055			NPN 20V 15mA TO-72
417-229	MPS6544			NPN 60V 100mA TO-92
417-230	40646			
417-231	MPF109			JFET Nch 25V 5mA 310mW

417-232	SE7056	FT123		NPN 300V 30mA TO-39
417-233	2N3643			NPN 30V 500mA TO-105
417-234	2N3638A			PNP 25V 500mA TO-92 (100MHz)
417-235	2N4121			PNP 40V 200mA TO-106 (UHF)
417-237	SE6020			NPN 60V 1A TO-105
417-238	40648			
417-239	TA7420	MJ3029		NPN 800V 10A TO-3 Horiz Output
417-240	40673	40675	3N201	Dual Gate MOS-FET20V 50mA TO72
417-241	EL131			JFET 25V 10mA (N-Ch)
417-242	Unspecified			*Sel Zener (Transistor) 6.8V
417-243	A473			NPN 40V 25mA 230mW 550MHz
417-244	2N5089			NPN 25V 50mA 0.3W TO-92
417-245	D40N1	MJE340		NPN 250V 100mA TO-202 (90MHz)
417-246	TIS74			JFET 30V 100mA TO-92
417-247	2N5183			NPN 18V 1A 500mW 125MHz
417-248	MJ3030			NPN 325V 3.5A 125W 1MHz
417-250	40647			NPN 150V 1A 10W 15MHz
417-251	SFC2912	UC734		JFET
417-252	2N3686			JFET Nch 50V 50mA 60mW
417-253	TIS73			JFET Nch 30V 50mA 360 mW
417-254	MJ802			NPN 90V 30A 200W TO-3
417-255	D29E5			PNP 50V 500mA 330 mW
417-256	2N4360	2N5589		NPN 36V 1A 15W 300MHz

417-257	2N2631			NPN 60V 1.5A 3W 200MHz
417-258	TIS87			NPN 45V 50mA TO-92 (UHF)
417-260	2N4258A			PNP 12V 50mA TO-222 (UHF)
417-261	TD401			PNP 40V .5A
417-263	SJE607			PNP 80V 4A TO-126
417-264	SJE608			NPN 80V 4A TO-126
417-265	2N5033			JFET 20V 3.5mA TO-18 (P-Ch)
417-267	MPS6560			NPN 25V 500mA TO-92
417-268	MPS6562			PNP 80V 1A TO-92
417-269	SGC5282			
417-270	SGC5283			
417-271	SPS1317			6.5V 3 mA (Sel Zener)
417-272	D40C1			NPN Dar 30V 500mA TO-202
417-273	2N3055			NPN 65V 15A 115W 800kHz
417-274	40673	40675	3N201	Dual Gate MOS-FET20V 50mA TO72
417-275	MPS6522	SPS1983		PNP 30V 100mA TO-92
417-276	MPF102			JFET Nch 25V 10mA 310mW 100MHz
417-277	2N2539			NPN 60V 800mA 500mW 250 MHz
417-278	DTG110			PNP Germanium Power (Selected)
417-279	FM1108	FM1208		Dual FET 35V 2mA 500mW
417-280	2N388			NPN 25V 200mA 150 mW (Ger)
417-281	2N4347			NPN
417-282	MJ2841			NPN 80V 10A 150W TO-3

417-283	SMO7275			NPN 40V 800mA 300MHz
417-284	SM62186			PNP 15V 200mA 850MHz
417-285	2N4893			Uni 30V 50mA 300mW
417-286	2N4347			NPN 250V 15A TO-3
417-287	2N3440			NPN 300V 1A 10W
417-288	2N4416	PN4416		JFET 30V 30mA TO-72 (N-Ch)
417-289	2N6109			PNP 50V 7A TO-220 (10MHz)
417-290	MRF502			NPN 35V 50mA TO-72 (UHF)
417-291	2N5458			JFET 25V 0.25A TO-92 (N-Ch)
417-292	2N5771			PNP 30V 0.05A 0.63W TO-92
417-293	2N5770			NPN 30V 0.05A 0.63W TO-92
417-294	MPSA42			NPN 300V 500mA TO-92 (50MHz)
417-295	MPSL51	2N5400	2N5401	PNP 100V 600mA TO-92
417-296	TA311			
417-298	TIP41B			NPN 80V 300mA TO-220
417-299	2N5591	CTC B25-12		NPN 36V 4.0A 200MHz T72
417-801	MPSA20			NPN 40V 100mA TO-92 (125MHz)
417-802	E304	MPF102 (Selected)		JFET 30V 15mA (N-Ch)
417-803	2N6081	2N5590		NPN 18V 2.5A 30W Stx-8
417-804	2N6080	2N5589		NPN 18V 1A 12W Stx-8
417-805	2N4889			PNP 150V 100mA TO-222 (160MHz)
417-806	TIS75			JFET 30V 10mA TO-92 (N-Ch)
417-807	2N6175			NPN 250V 1A TO-126 (20MHz)

417-808	2N3702			PNP 25V 0.5A .625WTO-92
417-809	2N3704			NPN 50V 800mA TO-92
417-810	DTS721			NPN 1000V 3A 50W
417-811	MPSL01	2N5550	2N5551	NPN 120V 150mA TO-92
417-812	E421			Dual JFET 50V 50mA (N-Ch)
417-813	2N4959			PNP 30V 200mA TO-72 (450MHz)
417-814	DTS409			NPN 400V 3.5A TO-3
417-815	MPSU06			
417-816	2N5192			NPN 80V 4A 60W
417-817	2N5195			
417-818	MJE181			NPN 60V 3A 12W TO-225
417-819	MJE171			PNP 60V 3A 12W TO-225
417-820	2N4342			JFET 25V 12mA TO-222 (P-Ch)
417-821	MPSA06			NPN 80V 500mA TO-92 (100MHz)
417-822	MPSA56			PNP 80V 500mA TO-92 (50MHz)
417-823	MPU131			Uni-Junction 40V 200mA TO-92
417-828	E304 (Selected)	MPF102 (Selected)		JFET 30V 15mA (N-Ch) Idss=10
417-829	D40W3			NPN 300V 100mA 50 MHz
417-830	PT6619	CD3342		
417-831	2N6456	CD2664A	PT5767	NPN 25V 12A 75W (60MHz)
417-833	2N6306			NPN 250V 8A TO-3 (5MHz)
417-834	MPSU10			NPN 300V 500mA Mot "Uni-Watt"
417-835	2N3055			NPN 65V 15A 115W 800kHz

417-836	MPSD51		PNP 200V 100mA TO-92
417-837	MD-918A		NPN 30V 50mA 400mW 600MHz
417-838	MD918		NPN 30V 50mA 400mW 600MHz
417-839	2N5179		NPN 20V 50mA TO-72 (UHF)
417-840	2N4428		NPN 35V 425mA 3.5W 700 MHz
417-841	2N5109		NPN 20V 400mA 2.5W 1.2 GHz
417-842	2N5842		NPN 100V 100mA 350 mW 1.7GHz
417-843	2N5401		PNP 150V 600mA 310mW 100MHz
417-844	MJE350		PNP 300V 500mA 20W
417-845	2N3583		NPN 200V 2A 35W 10 MHz
417-846	1E03		PNP 200V 2A 35W 10 MHz
417-847	1B05		NPN 250V TO-3
417-848	FMT5092		NPN 30V 80mA 625mW 1GHz
417-849	TZ553		PNP 60V .5A TO-92
417-850	2N5913		NPN 36V 330mA 3.5 W
417-851	LPT1000		Photo Diode
417-852	TIP31B		NPN 40V 3A TO-220
417-853	SF83045		
417-854	SF50077	E304	JFET 30V 15mA (N-Ch)
417-855	PE5010		NPN 30V 300mW
417-856	MJE5979		NPN 100V 5A 75W TO-220
417-857	MJE5976		PNP 60V 10A 90W TO-127
417-858	P1087E		JFET 30V 5mA TO-92 (P-Ch)

417-859	MRD14B		12V 200 mW
417-860	2N6459		NPN 40V 10A 120W 30 MHz
417-861	2N5109		NPN 20V 400mA 2.5W 1.2 GHz
417-862	PE5013		NPN 20V 310 mW
417-863	MFE131		Dual Gate MOS-FET25V 30mA TO72
417-864	MPSA05		NPN 60V 500mA TO-92 (100MHz)
417-865	MPSA55		PNP 60V 500mA TO-92 (50MHz)
417-866	MPSA20 (Sel)		Sel for Noise
417-867	2N5486		JFET Nch
417-868	RCA29C		NPN 100V 3A TO-220
417-869	RCA30C		PNP 100V 3A TO-220
417-870	RCA1A16	65853	PNP 100V 1A TO-39
417-871	TIP61		NPN 30V 500mA 15W 3 MHz
417-872	TIP62		PNP 70V 7A TO-220
417-873	MJ3760		350V 6A 80W 1 MHz
417-874	2N3906		PNP 40V 0.2A 310mW TO-92
417-875	2N3904		NPN 40V 0.2A 310mW TO-92
417-876	CA3046		Transistor Array Diff Amp (3)
417-877	CA3018A		Transistor Array Darlington
417-878	2N3820		Pch Sel Idss 2 - 6 mA
417-879	2N3251		PNP 40V 200mA TO-18 (300MHz)
417-880	2N4427		NPN 40V 400mA TO-39 (UHF)
417-881	MPSA13		NPN Darl 30V 500mA TO-92

417-882	MPSA20 (Sel for hfe)	NPN 40V 100mA TO-92 (125MHz)
417-883	MPSU10 (Selected)	NPN 300V 500mA Mot "Uni-Watt"
417-884	SF55048	FET Nch 30V 8mA 250 mW
417-885	MPSA65	PNP Darl 30V 300mA TO-92
417-886	2N2432A	NPN 45V 100mA 300mW 20 MHz
417-887	MPSH10	NPN 30V 40mA TO-92 (UHF)
417-888	2N5222	NPN
417-889	CD2665	NPN 50V 15A 100W
417-890	MPSH04	80V 100mA 300mW 180kHz
417-891	MPSH54	80V 100mA 300mW 180kHz
417-892	MJ2941	NPN 80V 10A 150W TO-3
417-893	2N5109	NPN 35V 500mA TO-39 (UHF)
417-894	BU180ATI	NPN 400V 10A 5W
417-895	PIC625	
417-896	PIC600	
417-897	Selected FET	
417-900	S2090 Selected	
417-901	S2091 Selected	PNP 80V 1A
417-902	NPD5566N	JFET 40V 30mA N-Ch Dual 8-PDIP
417-903	40363	NPN 35V 7A TO-3
417-904	MPSU60	PNP 300V 500mA TO-92
417-905	2N3773	NPN 140V 16A TO-3 (200kHz)
417-906	2N6609	PNP 140V 16A 150W TO-3 200MHz



417-907	2N6274		PNP 100V 50mA TO-3
417-908	2N4117		JFET 40V 50mA TO-72 (N-Ch)
417-912	MRF237		NPN 18V 1A TO-39 (UHF)
417-914	F-317-B		NPN 140V 2A TO-220
417-915	F-417-B		PNP 140V 2A TO-220
417-917	MPSH81		PNP 20V 40mA TO-92 (UHF)
417-918	2N6387		NPN Dar 60V 10A TO-220 (20MHz)
417-919	TIL78	QSC114	Photo Transistor T1
417-920	2N4403		PNP 40V 600mA 0.3W TO-92
417-923	BU-500		NPN 1500V 6A TO-3
417-924	MJE172		PNP 100V 3A 12W TO-225
417-926	MPSU06		NPN 80V 2A Mot "Uni-Watt"
417-927	MPSA93		PNP 200V 500mA TO-92
417-928	2N6592		NPN 200V .5A TO-220 (70MHz)
417-931	PN4858		JFET 40V 50mA TO-92 (N-Ch)
417-932	MJE182		NPN 100V 3A 12W TO-225
417-934	2N5770 (Selected)		NPN 30V 0.05A 0.63W TO-92
417-937	MPS2369		NPN 40V 500mA TO-92 (UHF)
417-943	MJE15030		NPN 150V 8A TO-220
417-944	MJE15031		PNP 150V 8A TO-220
417-945	MJ15024		NPN 250V 16A TO-3
417-946	MJ15025		PNP 250V 16A TO-3
417-947	MDS21		NPN 300V 500mA TO-202

417-948	MDS60			PNP 300V 500mA TO-202
417-951	MRF247			NPN 35V 20A 6-Tab 175MHz
417-952	2N6081			NPN 18V 2.5A 30W Stx-8
417-953	TIP150			NPN 300V 7A TO-220
417-959	MD5000B			PNP 20V 50mA TO-99
417-962	MRF421			NPN 20V 20A 290W (UHF)
417-965	NSDU06			NPN 80V 2A "Uni-Watt 50MHz
417-975	CA3127			NPN Transistor Array Ind
417-995	BUZ71A	IRFZ22		Power FET
417-998	PN4393			
417-999	VN10KM			JFET 60V .5A TO-92TAB
417-1010	SD213DE			

### **Linear IC**

442-1	SN72702			Wide Band Op Amp
442-2	SN72709	SN82809	SN4985N	High Gain Op Amp
442-3	SN72710	LM710		Diff Amp
442-4	CA3035			RF Amp IC
442-5	CA3044VI			
442-6	SN72702			Op Amp
442-7	MC1709			High Gain Op Amp
442-8	uA703			RF/IF Amp
442-9	MC1310P			MPX Decoder
442-10	uA746E			Dual Chroma Demodulator
442-11	CA3042			
442-12	SN75AOL			Vidoe Amp
442-13	TOA8809			Op Amp
442-14	MC1438R			Op Amp

442-15	TI60108		Op Amp
442-16	MC1307P		FM Stereo Demod
442-17	CA3026		Dual Dif Amp
442-18	MC1350P		Video IF Amp IC
442-19	75450N		Dual Peripheral Driver
442-20	uA703		Op Amp
442-21	MC1458	NE5558	Dual 741C
442-22	N5741V		Op Amp
442-23	TOA8709		Op Amp
442-24	LM376		Adj Voltage Regulator (Pos)
442-25	LM310H		Op Amp Follower
442-26	LM308H		Linear Op Amp
442-27	uA754C		TV FM Sound Quadrature Det
442-28	MC1357P		IF Amp Quadrature Detector
442-29	MC1335P		Perfect Tune Indicator
442-30	uA309K		5 V Regulator (Pos)
442-32	SN75451P		Dual Perip Driver
442-33	MC1328		Chroma Demodulator
442-34	87403		Four Channel Decoder Chip
442-35	uA308AHC	SL11862	Precision Op Amp
442-36	LM311H		Comparitor
442-37	LM304		Prog Pwr Supply
442-38	SG3501D		Dual Tracking +/- Regulator

442-39	LM301A	LM101	Op Amp
442-40	AD741K		Op Amp
442-41	uA739		Dual Audio Pre-Amp
442-42	MC1553		Video Amp
442-43	SN72747		Dual High Performance Op Amp
442-44	87743		Matrix Decoder
442-45	NE566V		Function Generator
442-46	MC1310		Stereo Decoder PLL
442-47	SG-2501		Dual Tracking +/- Regulator
442-48	MFC6030		Regulator IC
442-50	U760		High Speed Op Amp
442-51	MC1345P		AGC/Sync Seperator
442-52	MC1351		Wide Band FM Amp
442-53	NE555V		General Purpose Timer
442-54	uA7805		5 V Regulator (Pos)
442-55	MC1349P		FM / TV Sound IF
442-56	MC1330P		Video Sync Detector
442-57	MC1370P		Sync Detector Sound Demod
442-58	MC1371P		TV Chroma IF Amp
442-59	MC1364P		Automatic Fine Tuning Detector
442-60	MC7824		24 V Regulator (Pos)
442-62	MC1358P		TV Sound IF Detector
442-63	uA7815		15 V Regulator (Pos)

442-64	uA7915	- 15Volt Regulator
442-65	SG4501N	Dual Tracking +/- Regulator
442-66	LM308	Precision Op Amp
442-68	NFC4060	Regulator
442-69	MC1312P	SQ Decoder (4-ch) SQ
442-70	8038AC	Function Generator
442-71	LM3900	Quad Op Amp
442-73	75107	TriState Line Receiver
442-74	MD1344P	AGC/Sync Seperator
442-75	LM311N	Comparitor
442-76	MFC4010	IF Amp
442-77	TBA820	Audio Amplifier
442-78	UHP481	7Seg HiV Display Driver
442-79	MD1324P	Demodulator
442-80	MC1398P	TV Color Processor
442-82	N5741	Op Amp
442-83	UHP480	Hi Volt Display Driver
442-88	MC1314P	Audio Logic (4-ch) SQ
442-89	MC1315P	VCA (4-ch) SQ
442-90	LM309H	5 V Regulator (Pos)
442-92	CA3089	RCA FM IF IC
442-95	MFC6010	IF Amp
442-96	MC1496G	Balanced Mod/Demod IC

442-97	MC1454			1Watt Audio Amp
442-98	LX-5600			Temperature Transducer
442-99	CD4016			CMOS Analog Switch
442-298	386			
442-602	LM324N			Quad Op Amp Single Supply
442-603	78M05			5 V Regulator (Pos)
442-604	NE545B			Dolby
442-605	QS15022			CD-4 Demodulator IC
442-609	78M20C			20 V Regulator (Pos)
442-610	TBA820L			Audio Amplifier 2W
442-611	LM3302			Quad Comparitor
442-612	LM386N			1.5 W Audio Power Amp
442-613	MC7915			12 V Regulator (Neg)
442-614	2740DE			Op Amp
442-615	uA739			Dual Audio Pre-Amp (Selected)
442-616	LM2901	uA775	LM3302N	Quad Single Supply Comparitor
442-617	uA78MGT2C			Adj Voltage Regulator (Pos)
442-618	uA79MGT2C			Adj Voltage Regulator (Neg)
442-619	ICL8049			Anti-Log Op Amp
442-620	MC1391P			TV Horizontal Processor
442-621	78M24C			24 V Regulator (Pos)
442-622	MC1331P			IF Detector
442-623	CA3130S			Op Amp

442-624	MM5322	Color Generator Chip
442-625	ULN2111	FM IF & Detector IC (Sprague)
442-626	78MGT4C	Adj Voltage Regulator (Pos)
442-627	78L05	5 V Regulator (Pos)
442-628	GPD401	Avantek RF Amplifier
442-629	GPD402	Avantek RF Amplifier
442-630	MC7905	5 V Regulator (Neg)
442-631	ULN2209M	IF w/regulator
442-632	MC1496L	Bal Mod/Demod
442-633	MC7902	2 V Regulator (Neg)
442-634	CA3053	RF/IF Amp
442-635	MC3310P	Wide Band Amp
442-636	HA1196	PLL Mpx Demodulator
442-637	HA1137W	IF Amp Detector
442-638	MK5086N-4	4x4 Tone Dialer
442-639	LM308AN	Op Amp
442-640	CA3080	High Perf Op Amp
442-641	LX1601	Pressure Transducer
442-642	78L09	9 V Regulator (Pos)
442-643	733	Video Amp
442-644	LM78L12	12 V Regulator (Pos)
442-646	MC79L12AC	12 V Regulator (Neg)
442-647	CD4046AE	CMOS PLL

442-648	LM310N		Op Amp Follower
442-649	SF7-0890		Avantek RF Amplifier
442-650	78H12		12 V Regulator (Pos)
442-651	78H05		5 V Regulator (Pos)
442-654	565		PLL
442-655	LM349		Quad Wide-band 741 Op Amp
442-658	HA1197		Signal Meter Drive (Hitachi)
442-663	CA3130-05	Heathkit P/N Error	Transistor Array
442-663	78M12CKC	Heathkit P/N Error	12 V Regulator (Pos)
442-664	79M12CKC		12 V Regulator (Neg)
442-665	79L05		5 V Regulator (Neg)
442-670	LF356N		Bi FET Op Amp
442-672	NE645B		Compander Amp
442-674	MC7812		12 V Regulator (Pos)
442-675	MC7912		12 V Regulator (Neg)
442-676	TDA2190		
442-678	7106		DVM Chip
442-679	TL061CP		Low Power JFET Op Amp
442-681	78L08		5 V Regulator (Pos)
442-685	uA78GKC		Adj Volt Reg (Pos) TO-3 (4pin)
442-687	78L10		10 V Regulator (Pos)
442-688	NE567N		DTMF Tone Decoder
442-691	78M08		8 V Regulator (Pos)



442-693	LM322N			Precision Timer
442-694	uA2240PC			Programmable Timer
442-695	78L15			15 V Regulator (Pos)
442-696	79L15			15 V Regulator (Neg)
442-698	SL952			Wide RF Amplifier (512 MHz)
442-699	1873	136PC	137PC15A212	Pressure Transducer (ID-4001)
442-700	LM3524	SG3524		Switching Regulator
442-701				Pressure Transducer (ID-4001)
442-703	LM350K			Adj Voltage Regulator (Pos)
442-706	NE5534			Single Low Noise Op Amp
442-707	LF353	TL072		Quad JFET Op Amp
442-708	LM317			Adj Voltage Regulator (Pos)
442-709	LM337			Adj Voltage Regulator (Neg)
442-710	XR2206			VCO IC
442-711	LM342			Prec Fahrenheit Temp Sensor
442-712	LM320			Fixed Voltage Regulator
442-715	CA3130			Op Amp
442-716	LM330T			5 V Regulator (Pos)
442-721	HA12412			FM Receiver Chip
442-722	uPC1173C			FM Stereo Decoder
442-723	TL489			Bar Graph Display
442-724	7107			DVM Chip
442-726	TL062CP			Dual JFET Op Amp

442-728	LM2904		Low Power Op Amp
442-732	78L09		
442-733	LM358		Dual Op Amp
442-734	LM388N		1.5 W Audio Power Amp
442-740	LM556		Dual 555 Timer
442-741	XR2209		Precision Oscillator (Exar)
442-742	LF347		
442-743	HA4741-5		Op Amp
442-744	CD4066BCN		Quad Bilateral Switch
442-748	ULN2280B		Audio Power Amp
442-751	LM1408N-8	DAC0808	A/D Converter
442-753	9402		V to F Converter
442-756	LF347	TL074	Quad JFET Op Amp
442-759	LF411		J-FET Op Amp Low Offset
442-760	5437		White Noise Generator
442-762	LM388N-1		1.5 W Audio Power Amp
442-763	LM388N-3		1.5 W Audio Power Amp
442-765	TL852CN		Polaroid Sonar Ranging Receiver
442-767	LM393		
442-768	DAC1021		10-Bit (Mult) D/A Converter
442-769	ADC0820		8-Bit A/D Converter
442-771	LM361	NE529	High Speed Comparitor
442-772	LM317L		

442-774	CD4052		4 Chan Analog Mux
442-779	MF-10		Maxim Switched Cap Act Filter
442-780	2211		PLL IC
442-782	LF357		J-FET Op Amp
442-783	LM35		Temperature Sensor
442-786	MPX100AP	MPX2100AP	Pressure Transducer (ID-5001)
442-787	LP2950C		Low Drop-out Voltage Regulator
442-789	RCA4192		
442-801	TLC555		CMOS Timer
442-802	SL560C-DP		
442-805	MC10319		
442-806	ULN2803A		
442-807	AD7537JN		
442-808	AD7225KN		
442-809	LN1055CN8		
442-810	AD9685BQ		
442-819	LH4002CH		
442-840	NE566N		VCO Function Generator

### **Digital IC**

443-1	7400N		Quad 2-input NAND
443-2	7420N		Dual 4-Input NAND
443-3	7430N		8-Input NAND
443-4	7472N		JK Flip-Flop
443-5	7473N		Dual JK Flip-Flop
443-6	7474N		Dual D Flip-Flop
443-7	7490N		Decade Counter

443-8	MC724P		Quad 2-Input NAND (RTL)
443-9	MC790P		Dual J-K FF (RTL)
443-10	MC723P		Single J-K FF (RTL)
443-11	MC725P		Dual 4-Input NAND / NOR
443-12	7410N		Triple 3-Input NAND
443-13	7475N		4-Bit Bistable Latch
443-14	MC789P (Selected)		Hex Inverter (15 MHz Select)
443-15	7450N		Dual 2-Wide 2-In And-OR-Invert
443-16	7476N		Dual JK Flip-Flop
443-17	74141A		BCD to Decimal Decoder
443-18	7404N		Hex Inverter
443-19	N8290A		Decade Counter
443-20	SC9523P		Servo Amp
443-21	MC717P		Quad 2-Input NAND/NOR
443-22	74121N		Monostable Non-Retrig
443-23	74122N		Retrig Monostable
443-25	74151N		8:1 Multiplexer
443-26	74S00		Quad 2-Input NAND
443-27	SN158093N	MC668P	Dual JK Flip-Flop
443-28	CuL9958		Decade Counter
443-29	CuL9959		4-Bit Buffer-Storage
443-30	CuL9960		"Nixie" Decoder Driver
443-31	MC726P		Single JK Flip-Flop (RTL)
443-32	SC9932P	MC790P	Dual JK Flip-Flop

443-34	7492N	4-bit Counter
443-35	7441N	BCD to Decimal Decoder 70V
443-36	7447N	BCD to 7-Segment Decoder
443-37	74100N	8-Bit Bi-Stable Latch
443-38	MC1023P	Dual NOR/OR Gate
443-39	MC1034	Single D Flip-Flop
443-40	MC1013P	Single JK Flip-Flop
443-41	MC1027P	
443-42	74S112N	Dual JK Flip-Flop
443-43	74H102N	JK Flip-Flop
443-44	7413N	Dual 4-Input NAND (Schm Trig)
443-45	7408N	Quad 2-Input AND
443-46	7402N	Quad 2-Input NOR
443-47	CD2501E	7 Seg Decoder Driver
443-48	MC776	Dual JK Flip-Flop
443-49	MC778	Dual D Flip-Flop
443-50	74H21	Dual 4-Input AND
443-51	CD2503E	7 Seg Decoder Driver
443-52	SCUS0127	Digital Encoder/Decoder
443-53	7442N	4:10 Line Decoder
443-54	7403N	Quad 2-input NAND (OC)
443-55	75451	Dual Peripheral Driver
443-56	MC1032	Dual JK Flip-Flop

443-57	MC3003P		Quad 2-Input OR
443-58	MC3006P		Triple 3-Input AND
443-59	MC3021P		Quad 2-Input Ex OR
443-60	MC4012P		4-Bit Shift Register
443-61	MC4016P		Quad Bilateral Switch
443-62	MC4044		Phase Detector for PLL
443-64	CD2500E		7 Seg Decoder
443-65	7427		Triple 3-Input NOR
443-66	74192N		Up/Down Decade Counter
443-67	MC8601P		Retrig Monostable
443-68	74H10		Triple 3-Input NAND
443-70	74H103N		Dual JK Flip-Flop
443-71	74H00N		Quad 2-input NAND High Speed
443-72	7417N		Hex Buffer Driver
443-73	7416N		Hex Inverter Buffer
443-74	74452		Dual Peripheral NAND
443-77	7438		Quad 2-Input NAND
443-78	TIXL112		Opto Isolator
443-79	95H03	95H03	Trpl 2-Input OR/NOR (180MHz)
443-80	MC1035		Triple Diff Amp
443-81	95H02		Dual 4-Input OR/NOR (180MHz)
443-82	9528	9528	Dual D (160MHz)
443-83	95H28	95H28	Dual D-Type Flip-Flop (180MHz)

443-84	MK5009		Mostek Oscillator Scaler chip
443-85	74157	9322	Quad 2-line to 1-line
443-86	9503		Trpl 2-Input OR/NOR (160 MHz)
443-87	74145N		BCD To Decimal Decoder
443-88	TMS1875		Calculator Chip
443-89	7409N		Quad 2-Input AND
443-90	74123		Dual Retriggerable Monostable
443-91	95H0459		Quad 2-Input NOR
443-92	MC9860P		Decimal Decoder Driver
443-94	7483		4-bit full adder
443-95	SP630B		600 MHz Decade Counter
443-96	9502		ECL Dual 4-Input OR/NOR
443-97	7496		5-Bit Shift Register
443-98	9582		Triple Line Receiver ECL
443-99	TMS0101		TI Calculator Chip
443-601	MK5017AA		Mostek Clock Chip w/ Alarm
443-602	DD700	DM8880	7-Segment Decoder Driver
443-603	CD4011		Quad 2-Input NAND
443-604	CD4007AE		Dual Comp Pair + Inverter
443-605	CD4002		Dual 4-Input NOR
443-606	CD4027		Dual JK Flip-Flop
443-607	CD4013	14013	Dual D Flip-Flop
443-608	3815		Digital MOS IC

443-609	74L122		Retrig Monostable
443-610	74L47N		7 Seg Decoder Driver
443-612	74193		Binary Counter
443-613	95H28DC		225 MHz Dual D Flip-Flop
443-614	TIL306		Counter/Decoder/Driver/LED
443-615	TIL308		Decoder/Driver/LED
443-616	Heathkit Custom IC		TV Clock Display
443-618	TMS0103		Calculator Chip
443-619	75491		LED Driver
443-620	75492		LED Driver
443-621	TMS0119		TI Calculator Chip
443-622	74147		10-line to 4-line decoder
443-623	74154		4-line to 16-line decoder
443-624	MC1023		Dual 4-Input OR/NOR
443-625	74132N		Quad 2-Input NAND (SchmTrig)
443-626	ICL6013	MK6013	DVM Chip
443-627	MK5020		MOS/LSI Calculator
443-628	74196N		Presettable 4-Bit Binary Cntr
443-629	7490AN		Decade Counter
443-633	74160	MC8310	Presettable Up/Down Cntr
443-634	TMS0116		BCD In/Out 4-Funct Calculator
443-635	DM8214	54/75153	Dual 4-Input (three-state)
443-636	MC10116		Triple Line Receiver ECL



443-637	MK5017BA	Clock w/ Calendar (not Alarm)
443-638	9310	Presettable Up/Down Cntr
443-640	7493AN	4-Bit Binary Counter
443-641	S1856	Clock Chip
443-642	7405N	
443-647	CD4046	Phase Locked Loop
443-675	A4001P00	Calculator
443-677	MC10211	ECL Dual 3-Input NOR
443-679	MC10131	ECL Dual D-Flop ECL
443-680	7495	Shift Register
443-683	MC10102	Quad 2-Input OR gate ECL
443-686	A1241	Rockwell Calculator Chip
443-687	MK5017AA	Mostek Clock Chip w/ Alarm
443-689	SCUS0127A	Encoder / Decoder
443-690	UHP491	Hi Voltage Driver
443-691	9368	7-Seg Display Driver
443-692	MK5250	Clock
443-693	MM5865N	
443-694	F9368DC	7-Segment Decoder Driver Latch
443-695	CD4001	Quad 2-Input NOR
443-697	74S64	4-2-3-2 And-OR-Invert
443-698	7486N	Quad 2-Input Exclusive OR
443-699	MM14511	BCD to 7 Seg

443-700	DM8863		8 Digit Driver
443-701	CD4049	14049	Hex Inverting Buffer
443-702	F3817PC		Clock Chip
443-703	CD4001		Quad 2-Input NOR
443-704	CD4002		Dual 4-Input NOR
443-705	MC14013		Dual D Flip-Flop
443-706	CD4071	14071	Quad 2-Input OR
443-707	CD4515	MC14515	4 to 16 Line Controller
443-708	CD4516	MC14516	Binary Up/Down Counter
443-709	74C93		4-Bit Binary Counter
443-710	MK50240		Top Octave Generator
443-711	74LS247		BCD-7 Seg OC
443-712	MC14025		Triple 3-Input NOR
443-713	MC14028		BCD To Decimal Decoder
443-714	11C01	MC1660	Dual OR/NOR
443-715	11C70		Master/Slave D Flip-Flop
443-716	11C05		Div By 4 Prescaler 1100 MHz
443-717	74126N		Quad Buffer
443-718	74LS195A		4-Bit Shift Register
443-719	74LS266		Quad 2-input Exclusive OR OC
443-720	CD40097		TriState Hex Buffer
443-721	2112-2		256 x 4 SRAM
443-722	MC8601P		Retrig Monostable

443-723	MC10216	Triple Line Receiver
443-724	MC10124	Quad 2-Input AND/NAND ECL
443-725	MC10125	Hex ECL to TTL Translator ECL
443-726	MC10138	Decade Counter ECL
443-727	96L02	Dual Retriggerable Monostable
443-728	74LS00	Quad 2-Input NAND
443-729	74LS13	Dual 4-Input NAND
443-730	74LS74	Dual D-Flop
443-731	74LS290	4-Bit BCD Ripple Counter
443-732	74LS30	Single 8-Input NAND
443-733	74LS293	4-Bit Binary Ripple Counter
443-735	MC14512	8-Channel Data Selector
443-736	MC14508	Dual 4-Bit Latch
443-737	MC14518	Dual BCD Counter
443-738	MC14556	Dual 1-4 Decoder
443-739	MC4029	VCO
443-740	MC1648P	VCO for PLL
443-741	MC120126	Dual Mode Prescaler
443-742	82S83	BCD Adder
443-743	CD40192	Up/Down Counter
443-744	CD4050	Hex Buffer
443-745	74LS03	Quad 2-Input NAND
443-746	MCT2E	Optical Isolator

443-747	MC10116 Selected			Selected for Gain
443-748	F9390			Fairchild Only
443-749	AY385001F			G.I. Game
443-750	MM5369			Divide 3.5796 to 60 Hz
443-751	CD4081			Quad 2-Input AND
443-752	74LS175			Quad D-FF
443-753	74S240			Octal Buffer Tri-State
443-754	74LS240			Octal Buffer Tri-State
443-755	74LS04			Hex Inverter
443-756	74148			8 to 3-Line Encoder
443-757	74LS161			4-Bit Sync Binary Counter
443-758	8224			Clock Generator & Driver
443-759	8238			System Controller Bus Driver
443-760	CD4040			12-Bit Binary Ripple Counter
443-761	TMS6011	IM6402		UART
443-762	8080A			Microprocessor
443-763	2308			1k x 8 ROM
443-764	2114	4045	6614	1k x 4 SRAM
443-765	MC10105			Triple 2-3-2-Input OR/NOR ECL
443-766	MC14042			Quad D Latch
443-767	MM5740N			Decoder
443-768	74159			4 to 16 Decoder
443-769	74LS164			8-Bit Shift Register

443-770	93S16		Binary Counter
443-771	MCM14537CL		256 x 1 RAM
443-772	TMS1300		Microprocessor
443-773	MC14566		Time Base Generator
443-774	8223		32 x 8 PROM
443-775	MC14020		14 Bit Binary Counter
443-776	8251		USART
443-778	CD4093	14093	Quad 2-Input NAND Schmidt Trig
443-779	74LS02		Quad 2-Input NOR
443-780	74LS08		Quad 2-Input AND
443-781	74LS75		Quad D-Flop
443-782	74LS155		Dual 1:4 Demux
443-783	MC14022		
443-784	CD4070		Quad 2-Input Exclusive OR
443-785	74C221		Dual Monostable Multivibrator
443-791	74LS244		Octal Bus Driver Tri-State
443-792	74LS132		Quad 2-Input NAND
443-793	4702		Baud Rate Generator
443-794	75188	1488	RS-232 Driver
443-795	75189	1489	RS-232 Receiver
443-796	DM8130		10-Bit Comparator
443-797	74LS10		Triple 3-Input NAND
443-798	74LS20		Dual 4-input NAND

443-799	74LS157	Quad 2 to 1 Multiplexer
443-800	74LS27	Triple 3-Input NOR
443-801	74LS196	Binary Counter/Latch
443-802	74LS257	Quad 2 to 1 line multiplexer
443-803	74273	Octal D-Flop
443-804	74LS259	8-Bit Addressable Latch
443-805	74LS273	Octal D-Flop
443-807	74LS42	BCD to Decimal Decoder
443-808	4N26	Opto Coupler
443-811	74LS125	Quad Buffer
443-812	RO-3-2513/CGR001	
443-813	74LS90	Decade Counter
443-815	74LS193	4-Bit Up/Down Counter
443-816	74LS09	
443-817	74LS192N	Up/Down Decade Counter
443-818	74LS05	Hex Inverter
443-819	8838	Quad Bus Driver
443-822	74LS139	Dual 1-To-4 Decoder
443-824	74LS241	Octal Bus Driver Tri-State
443-827	MC6800P	8-Bit Microprocessor
443-828	74LS73	Dual JK Flip-Flop
443-829	74LS76	Dual JK Flip-Flop
443-836	CD4174	Hex Latch

443-837	74LS373	
443-838	74LS93	
443-839	74LS243	Quad Bus Transceiver
443-840	MC6875	6800 Clock Generator
443-842	1406	
443-848	MM5316	4-Digit Non-Mux Clock
443-852	9LS259	8-Bit Addressable Latch
443-855	74LS283	Adder
443-856	2350	Floppy Disk Controller (?)
443-857	74LS367	Hex Buffer / Driver
443-858	7414	Hex Inverter
443-863	74LS374	Octal D-Flop
443-869	DS8629	National Div by 100 Prescaler
443-871	MC14514	4-Bit Latch/4-16 Line Decoder
443-872	74LS14	
443-874	8250	UART
443-875	74LS32	Quad 2-Input Or
443-877	74LS138	3-To-8 Line Decoder
443-879	74LS174	Hex D-Flop
443-881	Z-80	Microprocessor
443-884	74LS242	Quad Bus Transceiver Tri-State
443-885	74LS245	Octal Bus Transceiver
443-887	CD4023	Triple 3-Input NAND Buffered

443-891	74LS86		Quad 2-Input Excluxive OR
443-892	74LS166		8-Bit Shift Register
443-896	74S02		Quad 2-Input NOR
443-897	74S04		Hex Inverter
443-900	74S74		Dual D Flip-Flop
443-906	MC6845		CRT Controller
443-913	5740		Keyboard Controller
443-915	74S86		Quad 2-Input Exclusive OR
443-916	CD4538		Dual Monostable
443-917	CD4030AE		Quad Exclusive OR gate
443-919	74LS126		Quad Buffer Tri-State
443-920	74LS85		4-Bit Magnatude Comparator
443-921	74LS390		Dual BCD Counter
443-927	CD4059		Programmable Div by "N"
443-928	CD4008B		4-Bit Adder
443-929	14017		Divide by 10 "Ring Counter"
443-931	CD4543		7-Segment Decoder Latch Driver
443-932	MC14544		300 Baud Modem
443-933	5101	51L01	256 x 4 RAM
443-935	74S153		Dual 4-Input Multiplexer
443-936	7454		8-Input And-Or-Invert
443-937	SP8685B		512 MHz Divide By 10/11
443-938	ICM7216D		Frequency counter Chip



443-939	MC6808P	MC6802P	8-Bit Microprocessor w/ Clock
443-940	SP8647B		
443-942	74LS123		Dual Retriggerable Monostable
443-947	MC10116		Selected for Gain
443-948	F7490		Fairchild Only
443-949	AY385001F		G.I. Game Chip
443-950	CD4072		Dual 4-Input OR
443-951	74LS51		AND/OR Invert
443-952	8250		UART
443-953	3880	Z80A	8-Bit CPU
443-955	74LS153		Multiplexer
443-957	14519		4-bit AND/OR select
443-958	CD4060		14 Stage Ripple Carry Bin Cntr
443-967	7406N		Hex Inverter
443-969	74LS196		Presetable 4-Bit Binary Cntr
443-973	74LS393		Dual 4-Bit Binary Counter
443-983	74S175		
443-987	MM5430		Frequency Counter Chip
443-992	CD4051		8 Channel Analog Mux
443-995	SC-01	SC-02 (?)	Votrax Speech Processor
443-996	TMS5100		LPC Speech Synthesizer
443-1000	2143-1		
443-1008	74LS221		Dual Monostable

443-1009	8088		
443-1011	8284		
443-1012	8259		
443-1014	MC68A21P	MC68B21P	8-Bit Dual Peripheral Adapter
443-1016	6116		2k x 8 Static RAM
443-1019	MC6850P		ASYNCR Interface Adapter
443-1020	7407N		Hex Buffer
443-1027	6116		2k x 8 Static RAM
443-1030	45135		
443-1032	MK4116-26P		16k Dynamic RAM
443-1039	74LS365A		Hex Buffer / Driver
443-1047	74ALS10		
443-1048	74ALS28		
443-1049	74ALS37		
443-1051	74ALS74		
443-1054	74LS169		
443-1055	MSM5832		uP Real-Time Clock (Oki)
443-1060	MC1488P		RS-232 Driver
443-1061	2661-2		
443-1066	D8253C-2		
443-1080	74ALS00		Quad 2-input NAND
443-1082	74ALS04		
443-1088	AM26LS31PC		Quad Diff Line Driver

443-1091	AM2910	
443-1096	74ALS244	Octal Buffer Tri-State
443-1099	SD4324	Fibre Optic Schmitt Detector
443-1109	HCPL2531	Opto-Coupler
443-1111	MC6809	16-Bit uP
443-1117	74LS374 (Selected)	Octal D-Flop
443-1118	MD14518	Dual BCD Decoder
443-1121	74F00	
443-1123	MM5451	LED Display Driver
443-1124	74HC393	Dual 4-Bit Binary Counter
443-1125	74C165	8-Bit Shift Reg
443-1137	74F04	
443-1138	6264	8k x 8 Static RAM
443-1139	MC146818P	CMOS Real-Time Clock
443-1145	CD40106	Hex Schmidt Trigger
443-1146	14568	PLL Phase Detector
443-1147	14526	PLL Programmable Divider
443-1149	D7201C	
443-1150	WD1943PD	
443-1151	14555	Dual 1 of 4 Decoder
443-1155	CD4069	Hex Inverter
443-1158	2797-02	
443-1164	RC4200	Analog Multiplier

443-1175	74HC32	Quad 2-Input OR
443-1188	TL851CN	Polaroid Digital Ranging Cntrl
443-1189	ADC0831	8-Bit Serial I/O A/D Converter
443-1190	74HCT00	
443-1191	SSI263	Voice Synthesizer
443-1192	ADC0844	
443-1196	74ALS1034	Hex Buffer
443-1200	OKI M205	
443-1201	TMS5110A	LPC Speech Synthesizer
443-1202	MC14028	BCD To Decimal Decoder
443-1203	DS3658	
443-1209	74AS74	
443-1231	74ALS030	
443-1234	74S113	
443-1235	74ALS299	8-Bit Universal Shift Reg
443-1239	74ALS138	3-To-8 Line Decoder
443-1259	6522	VIA Dual 8-Bit Parallel Port
443-1260	6551	UART Controller
443-1261	WD1935	HDLC Controlller
443-1263	2212	NOV-RAM
443-1278	74F280	
443-1290	74LS7225	
443-1291	74F158	

443-1293	74HC00	
443-1307	74HC02N	Quad 2-Input NOR
443-1308	74HC04	Hex Inverter
443-1309	74HC74	Dual D Flip-Flop
443-1311	74HC138	3-To-8 Line Decoder
443-1313	74HC175N	Quad D-Flop
443-1315	74ALS05AN	Hex Inverter
443-1317	74HC27	Triple 3-Input NOR
443-1318	74HC125	Quad Buffer
443-1319	74HC139	Dual 1-To-4 Decoder
443-1321	74HC174N	Hex D-Flop
443-1322	74HC126N	Quad Buffer
443-1326	74HC257N	Quad 2-Input Mux
443-1327	74HC4078N	8-Input NOR
443-1328	74HC298N	Quad 2-Input Mux/DeMux
443-1329	74HC367N	Hex Tri-State Buffer
443-1330	74HC368N	Hex Tri-State Inverter
443-1331	74HC373	Octal D Latch
443-1332	74HC390N	Dual BCD Counter
443-1333	74HC652P	Octal Registered Transceiver
443-1335	74HC515N	
443-1338	82C53P-2	Prog Interval Timer
443-1342	74HC08	

443-1344	54HC137		1 of 8 Decoder
443-1362	74HC377		Octal "D" Flop
443-1367	74HCT00		Quad 2-Input NAND
443-1368	MC34018		
443-1382	74HC374		Octal D Flip-Flop
443-1383	74HC123		Dual Retrigr Monostable
443-1390	74HC365		Hex Buffer Line Driver
443-1391	74HC366		Hex Buffer Line Driver
443-1392	84C00-04		Z-80 Microprocessor CMOS
443-1393	84C30-04		Z-80 Counter/Timer CMOS
443-1394	84C42-04		Z-80 Dual Serial Port CMOS
443-1414	74F646N		Octal Transceiver Register
443-1422	6264		8k x 8 Static RAM
443-1443	74ACT244		
443-1458	74ACT521		
443-1468	74ACT14		
443-1493	74ACT161		
443-1494	74AC251		
443-1496	74ACT138		
443-1553	6264	5864	8k x 8 Static RAM
443-1703	84C00-06		Z-80 Microprocessor CMOS
443-1704	84C30-06		Z-80 Counter/Timer CMOS
443-1705	84C42-06		Z-80 Dual Serial Port CMOS

**Programmable  
Device**

444-17	MCM6830A ROM			used in ET-3400
444-19	2316		2k x 8 ROM	used in H-17
444-23	3870 uP	MK14262N-5		used in ID-4001/ID-2090
444-28	18SA30		32x8	
444-29	2316	8316	2k x 8 ROM	used in H-19
444-31	3870 uP			used in H-14
444-37	2316	8316	2k x 8 ROM	used in H-19
444-46	2716		2k x 8 EPROM	used in H-19
444-61	27C256			
444-69	3870 uP	MK14623N-5		used in SA-5010
444-76				used in ET-3400
444-80	VM61006A		Speech ROM	used in EE-3403
444-83			32x8	
444-84	2732			
444-105	82S123			used in ET-19 (CPU Stat )
444-108	D8741A			
444-109	P3041			used in Z-100
444-110				used in Hero-1 (ET-18)
444-116	2316			
444-141	D8741A			
444-142	2732			
444-161	MK3870/42			

444-186	3870 uP			
444-198-1	MC68764		8k x 8 ROM	used in Hero-1 (ET-18)
444-199	MK3870/42			used in GR-3000
444-200-1	3870 uP			used in GC-1000 WWV Clock
444-205-1	8748 uP			used in GD-1530
444-221-1	2732	ET-18-4 Utility ROM	4k x 8 ROM	used in ET-18 (Option)
444-226	14L8CNS		PAL	
444-227	12L6CN			
444-239-1	2732	ET-18-7 Auto Mode	4k x 8 ROM	used in ET-18 (Option)
444-240	3870 uP			used in AD-1308
444-249	PLA			used in ET-18-6
444-250		System ROM Remote		used in ET-18-3
444-253				used in ET-19
444-254-2	MC68A364 ROM		16k x 8 ROM	used in RT-1
444-275	VM61006A		Speech ROM	(See 444-80)
444-283-2	MC68A364 ROM		16k x 8 ROM	used in RT-18
444-293-1	3870 uP			used in GC-1000 WWV Clock
444-295	PAL			used in RT-18
444-303	8042			used in ET-19 (Base Cont)
444-304	8042			used in ET-19 (Arm Cont)
444-304-1	8042			used in ET-19 (Arm Cont)
444-306	8042			used in ET-19
444-306-1	8042			used in ET-19



444-308	8042			used in ET-19
444-310	PAL10L8			used in ET-19
444-319-1	2764	ET-18-9 Hero1 BASIC	8k x 8 ROM	used in ET-18 (Option)
444-344-1				used in 4850 Digital Scope
444-349	2764		8k x 8 EPROM	used in HD-4040
444-350	2764		8k x 8 EPROM	used in HD-4040
444-351	2764		8k x 8 EPROM	used in HD-4040
444-352	2764		8k x 8 EPROM	used in HD-4040
444-353	74288		FPROM	used in HD-4040
444-371	MK3870/40N05			used in ET-19
444-402	PAL16L8			used in ET-19
444-403	27C256			used in ET-19 (Main ROM)
444-404	27C256			used in ET-19 (Main ROM)
444-404-2	27C256			used in ET-19 (Main ROM)
444-449	16R6ACN		PAL	
444-461	16R8BCN		PAL	
444-468				
444-475	27C256		32k x 8 CMOS EPROM	used in ID-5001
444-852	27C64		8k x 8 CMOS EPROM	used in HC-1032
444-1010	27C256		32k x 8 CMOS EPROM	used in ID-5001
444-9006	TMS2708JL-45			1024 x 8 EPROM
444-9033	MC68764		8k x 8 ROM	used in RT-1