

7 PARTS LIST**1300 -- Mono**

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1300S -- Stereo

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1300S — Stereo (cont'd.)

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1300 CHASSIS HARDWARE -- MONO

Blue papers 490-07356

Part No.	Qty/Description	Ref
CUST LITERATURE		
070-03693	1 MANUAL, OPER/SERVICE, M1300/S	
CERAMIC CAP		
245-00586	1 CAP, CER, 30pF, 100V, 10%	J11 (C182)
INDUCTORS		
270-00779	1 FERRITE, BEAD	J11 (FB9)
SCR		
320-01014	1 TRANSISTOR, C122F1, SCR	Q2
LINEAR IC		
340-01525	2 IC, LINEAR, 7905, -5V REG	U3, 89
340-03212	2 IC, LINEAR, LM317T, TO-220	U1, 4
CABLE CONN		
490-00153	2 CONN, BNC, 1FC, MB, ISOLATED	J11, J12
490-00396	1 CONN, AC AND RFI FILTER	J10
GROMMETS		
540-01769	2 GROMMET, NYL, .125 THK	SW1
FEET		
541-00781	4 BUMPER, FEET, 3-M #SJ5025	
ELECTRONIC HDWR		
600-00872	1 FUSE HOLDER, 3AG, PANEL, RA	F1
PC HDWR		
610-02269	3 HARDWARE, PC, RICHCO #MB-3-156	CU/FISHPAPER SHIELD
LUGS		
620-01999	1 LUG, SOLDER, LCKNG, #6, .020THK	GRND LUG
620-03649	2 LUG, SOLDER, LCKING, 3/8	BNC TO MAIN GND
INSUL/SPACRS		
630-00952	5 INSUL, SEMI, BUSHING, TO-220	U1, U3, U4, U89, Q2 MTG
630-01853	5 INSUL, SEMI, SIL RUB, TO-220	U1, U3, U4, U89, Q2 MTG
630-02705	6 WSHR, FL, #6CLX1/40DX.02, BLK, NYL	FP MTG
SPCR, NON-INSUL		
635-03083	2 SPCR, 6-32X3/4, 1/4HEX, W STUD	FP BD MTG

1300 CHASSIS HARDWARE -- MONO (cont'd.)

Part No.	Qty/Description	Ref.
MACHINE SCREWS		
640-01701	1 SCRW,4-40X1/4,PNH,PH,ZN	U89 MTG
640-01704	8 SCRW,4-40X5/16,FH,PH,ZN	XLR MTG,J13,14 COVER MTG
640-01706	6 SCRW,4-40X3/8,PNH,PH,ZN	U1,U3,U4 MTG(3),Q2 MTG (1) J1 MTG (2)
640-01716	8 SCRW,6-32X3/8,PNH,PH,ZN	CHASSIS INSERT MTG
640-02706	6 SCRW,6-32X1/4,BH,SCKT,BLK	FP MTG
640-03087	1 SCRW,6-32X3/8,PNH,PH,SEMS,BLK	GRND LUG MTG
640-03635	3 SCRW,6-32X1/2,FH,100DEG,PH,BLK	BOTTOM COVER
640-03636	7 SCRW,6-32X1/4,FH,100DEG,PH,BLK	TOP & BOTTOM COVERS
640-03637	18 SCRW,4-40X3/16,PNH,PH,BLK	TOP/BOTTOM COVER MTG,
640-03713	42 SCRW,6-32X1/4,PNH,PH,SEMS,ZN	VIDEO CONTROL BD MTG (6), CONV BD MTG (6) MTHBD TO CHASSIS MTG (8) BRACE MTG(2) PERSONALITY BD MTG (6) CONVERTER BD MTG (6) FRONT PANEL BD MTG (6) CNTRL BRKT TO CHASSIS MTG (2)
NUTS		
643-01729	1 NUT,6-32,HEX,SMALL,ZN	GRND LUG MTG
643-01732	10 NUT,4-40,KEP,ZN	XLR MTG (4), J1 MTG (2),J13 14 COVER MTG
643-01733	4 NUT,4-40,HEX,SMALL,ZN	U1,U3,U4,Q2 MTG
WASHERS		
644-01736	5 WSHR,FL,#4CLX.218ODX.032THK	U1,U3,U4,U89,Q2 MTG
644-01737	5 WSHR,LOCK,SPLIT,#4	U1,U3,U4,U89,Q2 MTG
644-01739	8 WSHR,INT STAR,#6	CHASSIS INSERT MTG
PRE-CUT WIRE		
675-02843	1 WIRE,18G,WHT,4",ST&T1/4X1/4	AC WIRING
675-02847	2 WIRE,18G,BLK,4",ST&T1/4X1/4	AC WIRING
675-02852	1 WIRE,16G,GRN,4",ST1/4XST&T1/4	GRND
675-02884	4 WIRE,24G,WHT,1.5",ST&T1/4X1/4	J11,12 WIRING
CABLES/CORDS		
680-00841	1 CORD,POWER,PHILLIP #13E37-1	
SLEEVING		
690-01886	1 SLEEVING,SHRINK,1/2"DIA,2"BLK	F1
690-02060	5 SLEEVING,SHRINK,3/16"	J1, F1 WIRING,1/2" LENGTHS

1300 CHASSIS HARDWARE — MONO (cont'd.)

Part No.	Qty/Description	Ref.
CHASSIS/MECH		
700-03559	1 CHASSIS, INSERT, FP, ASSY, M1300	
700-03560	1 CHASSIS, WRAPAROUND, M1300	
700-03561	1 COVER, TOP, M1300	
700-03562	1 COVER, BOTTOM, M1300	
700-03563	1 CHASSIS, PC BRACE, M1300	
BRACKETS		
701-00299	9 BRACKET, KEYSTONE #617	SUPPLIED TO CHASSIS VENDOR
701-03564	2 BRACKET, MOUNTING, M1300	
PANELS		
702-03557	1 PANEL, FRONT, M1300S	
702-03607	1 COVER, HOLE, 2-XLR	J13, 14
702-03642	1 COVER, PROTECTIVE, AC, M1300	
702-03643	1 COVER, PROTECTIVE, MAIN BD, M1300	
LENS/PLATE/PANL		
703-02775	1 LENS, DISPLAY, M42	
SHIPPING MAT		
730-02821	2 BAG, CLEAR, 18X24X.004	
730-03085	1 BOX, OUT, 23X18.5X7.75	
LABEL/NAMEPLTS		
740-03805	1 LABEL, FU, 3A, SLO-BLO, REPL	INSIDE TOP COVER
740-03862	1 LABEL, PROGRAM SWITCHES, M1300	INSIDE TOP COVER

1300 MAIN BOARD -- MONO

Part No.	Qty/Description	Ref.
TRIM RESISTORS		
201-00427	1 RES,TRM,ST,PC,1K,SA,CER	R13
201-01619	2 RES,TRM,ST,PC,500 OHM,SA,CER	R3,11
CARBON FLM RES		
202-00503	1 RES,CF,5%,1/2W,1.5K OHM	R29
202-00505	1 RES,CF,5%,1/4W,10 OHM	R20
202-00509	1 RES,CF,5%,1/4W,47 OHM	R15
202-00514	1 RES,CF,5%,1/4W,100 OHM	R62
202-00517	1 RES,CF,5%,1/4W,200 OHM	R21
202-00524	1 RES,CF,5%,1/4W,470 OHM	R27
202-00525	2 RES,CF,5%,1/4W,510 OHM	R7,18
202-00529	2 RES,CF,5%,1/4W,1K OHM	R14,22
202-00532	1 RES,CF,5%,1/4W,1.8K OHM	R26
202-00538	1 RES,CF,5%,1/4W,3.3K OHM	R19
202-00542	1 RES,CF,5%,1/4W,4.7K OHM	R46
202-00543	1 RES,CF,5%,1/4W,5.1K OHM	R49
202-00546	1 RES,CF,5%,1/4W,7.5K OHM	R47
202-00549	2 RES,CF,5%,1/4W,10K OHM	R16,32
202-00557	2 RES,CF,5%,1/4W,24K OHM	R31,33
202-00559	4 RES,CF,5%,1/4W,30K OHM	R30,34,57,61
202-00564	1 RES,CF,5%,1/4W,51K OHM	R53
202-00570	1 RES,CF,5%,1/4W,100K OHM	R4
202-00577	2 RES,CF,5%,1/4W,300K OHM	R52,56
202-00580	1 RES,CF,5%,1/4W,1M OHM	R44
202-01228	1 RES,CF,5%,1/4W,620 OHM	R12
202-01245	1 RES,CF,5%,1/4W,1.6K OHM	R10
202-01365	2 RES,CF,5%,1/4W,3.9M OHM	R43,63
METAL FLM RES		
203-00456	2 RES,MF,1%,1/8W,1.00K OHM	R24,80
203-00458	2 RES,MF,1%,1/8W,1.82K OHM	R76,78
203-00471	3 RES,MF,1%,1/8W,10.0K OHM	R41,42,82
203-00482	1 RES,MF,1%,1/8W,20.0K OHM	R40
203-00491	1 RES,MF,1%,1/8W,100K OHM	R83
203-01143	2 RES,MF,1%,1/8W,2.49K OHM	R2,70
203-01459	2 RES,MF,1%,1/8W,243 OHM	R1,9
203-01489	1 RES,MF,1%,1/8W,499 OHM	R8
203-01495	1 RES,MF,1%,1/8W,33.2K OHM	R81
203-01996	2 RES,MF,1/2%,1/8W,3.01K OHM	R5,6
203-02353	2 RES,MF,1%,1/8W,49.9K OHM	R75,79
203-02658	1 RES,MF,1%,1/8W,340 OHM	R25
203-03875	2 RES,MF,2%,1W,150 OHM	R17,84
203-03876	1 RES,MF,2%,1/2W,600 OHM	R85

1300 MAIN BOARD — MONO (cont'd.)

Part No.	Qty/Description	Ref.
NETWORK RES		
205-00241	1 RES,NET,SIP,2%,4.7KX7	RP7
205-00330	3 RES,NET,SIP,2%,3.3KX9	RP4-6
205-01133	1 RES,NET,DIP,1%,10KX8	RP9
205-01485	3 RES,NET,DIP,2%,33X8	RP1-3
ELECTROLYT CAP		
240-00608	1 CAP,ELEC,2.2uF,50V,RAD	C152
240-00613	1 CAP,ELEC,22uF,25V,RAD	C153
240-00614	4 CAP,ELEC,47uF,16V,RAD	C120,128,140,149
240-00617	1 CAP,ELEC,470uF,16V,RAD	C21
240-00618	1 CAP,ELEC,470uF,35V,AX	C131
240-00620	1 CAP,ELEC,1000uF,35V,RAD	C15
240-01262	9 CAP,ELEC,330uF,25V,RAD	C1,4,93,123,124,170-173
240-02048	2 CAP,ELEC,47uF,25V,AX	C139,141
240-03574	2 CAP,ELEC,3300uF,35V,RAD,LO-PRO	C8,9
240-03575	1 CAP,ELEC,10000uF,16V,RAD,LO-PR	C10
240-03857	1 CAP,ELEC,1000uF,25V,RAD,NONPOL	C122
TANTALUM CAP		
241-00655	2 CAP,TANT,22uF,25V,RAD	C5,132
PCRB/PP CAP		
244-00662	3 CAP,MYL,.1uF,5%,RAD	C105,106,117
244-01488	1 CAP,MYL,.22uF,100V,10%,RAD	C119
244-02104	4 CAP,PP,100pF,160V,2.5%,AX	C163,164,168,169
CERAMIC CAP		
245-00586	2 CAP,CER,30pF,100V,10%	C6,7
245-00590	5 CAP,CER,150pF,500V,10%	C85,115,135,136,145
245-00593	1 CAP,CER,560pF,500V,10%,Z5F	C95
245-00594	2 CAP,CER,.001uF,500V,10%,Z5F	C133,134
245-00607	2 CAP,CER,39pF,1000V,10%	C96,99
245-01164	2 CAP,CER,10pF	C114,167
245-02105	2 CAP,CER,5pF,500V,10%,NPO	C144,148
245-03609	96 CAP,CER,.1uF,50V,Z5U,AX	C2,3,11-14,16-20,22-84,86-92 94,97,98,100,C101-104,112,113 127,137,138,C165,166
INDUCTORS		
270-00779	6 FERRITE,BEAD	FB1,2,5-8
DIODES		
300-01026	1 DIODE,1N753	CR8
300-01029	11 DIODE,1N914 AND 4148	CR15,16,18,21,22,27-32
300-01030	11 DIODE,1N4004 AND 4005	CR1-5,9-14
300-03546	2 DIODE,BRIDGE,2A,200V	CR6,7

1300 MAIN BOARD — MONO (cont'd.)

Part No.	Qty/Description	Ref.
TRANSISTORS		
310-01003	1 TRANSISTOR, MPS2369	Q3
310-01007	2 TRANSISTOR, 2N3904	Q7, 10
310-01008	1 TRANSISTOR, 2N3906	Q8
310-01009	2 TRANSISTOR, 2N4393	Q1, 6
310-01646	1 TRANSISTOR, 2N4403	Q4
DIGITAL/CMOS IC		
330-00712	1 IC, DIGITAL, 74LS163	U77
330-03482	4 IC, DIGITAL, 74HC04	U53, 60, 73, 80
330-03578	3 IC, DIGITAL, 74HC00	U64, 70, 74
330-03579	1 IC, DIGITAL, 74HC20	U69
330-03580	1 IC, DIGITAL, 74HC107	U75
330-03581	1 IC, DIGITAL, 74HC138	U54
330-03582	5 IC, DIGITAL, 74HC163	U65-68, 71
330-03583	3 IC, DIGITAL, 74HC374	U55, 56, 78
330-03874	6 IC, DIGITAL, 74HC283	U57-59, 61-63
LINEAR IC		
340-00722	1 IC, LINEAR, LM301	U2
340-01183	1 IC, LINEAR, LF 356	U79
340-01566	1 IC, LINEAR, LF353, DUAL OP AMP	U86
340-02086	1 IC, LINEAR, LM317LH, TO-39	U84
340-02396	1 IC, LINEAR, HA 2515-5	U83
340-03653	1 IC, LINEAR, HA4605	U88
SS SW IC		
346-02677	1 IC, SS SWITCH, DG211	U82
MEMORY IC		
350-02689	8 IC, DRAM, 4164, 64KX1, 250NS	U5-8, 29-32
350-03866	1 IC, ROM, 82S123, M1300S	U76
SEMICONDUCTORS		
360-01612	2 SEMICOND, VARISTOR	VR1, 2
CRYSTALS		
390-03613	1 CRYSTAL OSC, 6.144 MHz, CMOS	U72
FANS/MOTRS/RELY		
410-03584	2 RELAY, 2P2T, LOW LEVEL, DIP	K3, 4
FUSES		
440-02665	4 FUSE, 5X20MM, SLO-BLO, 3AMP, 250V	F2-5
SLIDE SWITCH		
451-02230	2 SW, SL, 2P2T, V-CHNG, PC, 4A	SW1, 2

1300 MAIN BOARD — MONO (cont'd.)

Part No.	Qty/Description	Ref.
TRANSFORMERS		
470-03481	1 XFORMER, POWER, TOROID, 30VA	T1
470-03623	1 XFORMER, OTPT, LO-PRO	T3
CABLE CONN		
490-02356	8 CONN, JUMPER, .1X025, 2FCG	
PC EDGE CONN		
500-03618	2 CONN, EURO, 1/2B, FEM	J17, 18
500-03620	1 CONN, EURO, C, ROW a+c, FEM	J19
PC MNT CONN		
510-01067	5 CONN, POST, 100X025, HDR, 12MCG	W1-22, 28
510-02534	1 CONN, XLR, 3MC, PCRA	J15
510-02535	1 CONN, XLR, 3FC, PCRA	J16
SOCKETS		
520-00941	6 IC SCKT, 8 PIN, PC, LO-PRO	U2, 79, 83, 86, 90, 91
520-00942	10 IC SCKT, 14 PIN, PC, LO-PRO	U53, 60, 64, 69, 70, 73-75, 80, 88
520-00943	63 IC SCKT, 16 PIN, PC, LO-PRO	U5-52, 54, 57-59, 61-63, 65-68, 71
		U76, 77, 82
520-01361	3 IC SCKT, 20 PIN, PC, LO-PRO	U55, 56, 78
ELECTRONIC HDWR		
600-02227	8 FUSE CLIP, 20MM, PC	F2-5
600-03660	1 XFORMER CASE, OTPT, LOPRO, MU, TOP	T3 MTG
600-03661	1 XFORMER CASE, OTPT, LOPRO, MU, BOT	T3 MTG
INSUL/SPACRS		
630-00953	4 WSHR, FL, #6CLX3/80DX1/16, FBR	OUTPUT XFORMER MTG (2), J15-16 MTG (2)
630-01894	1 INSUL, SEMI, TO-5 SPCR	U84 MTG
SPCR, NON-INSUL		
635-03632	6 SPCR, SWAGE, 6-32X.71, 1/4RD, BR/N	CONVERTER BD MTG
635-03633	3 SPCR, SWAGE, #6CLX.17, 1/4RD, BR/N	MAIN BD TO COVER
635-03634	3 SPCR, SWAGE, 6-32X.66, 1/4RD, BR/N	VIDEO BD MTG
MACHINE SCREWS		
640-01758	1 SCRW, 10-32X1/2, PNH, PH, ZN	T1 MTG
640-03675	2 SCRW, 6-32X1-1/4, PNH, PH, ZN	OTPT XFORMER MTG
THRD-FORM SCRW		
641-03751	4 SCRW, TAP, AB, 4X5/16, PNH, PH, ZN	J13-16 MTG
NUTS		
643-01728	2 NUT, 6-32, KEP, ZN	OTPT XFORMER MTG

1300 MAIN BOARD — MONO (cont'd.)

Part No.	Qty/Description	Ref.
WASHERS		
644-01742	1 WSHR, INT STAR, #10	T1 MTG
SLEEVING		
690-02061	6 SLEEVING, SHRINK, 1/8"	T1
PANELS		
702-03672	1 INSUL, NOMEX, OTPT XFORMER	T3
PC BOARDS		
710-03450	1 PC BD, MAIN BD, M1300	

1300 OUTPUT AMP MOD -- MONO

Part No.	Qty/Description	Ref.
CARBON FLM RES		
202-00498	2 RES,CF,5%,1/2W,5.1 OHM	R1,2
202-00537	2 RES,CF,5%,1/4W,3K OHM	R4,6
202-01225	1 RES,CF,5%,1/4W,6.2K OHM	R7
202-02649	1 RES,CF,5%,1/4W,300 OHM	R5
METAL FLM RES		
203-00471	1 RES,MF,1%,1/8W,10.0K OHM	R8
203-00487	1 RES,MF,1%,1/8W,30.1K OHM	R3
203-01664	1 RES,MF,1%,1/8W,133K OHM	R9
TANTALUM CAP		
241-00654	2 CAP,TANT,22uF,16V,RAD	C2,3
CERAMIC CAP		
245-00586	1 CAP,CER,30pF,100V,10%	C6
245-01164	1 CAP,CER,10pF	C1
245-01651	3 CAP,CER,.1uF,50V,80/20%	C4,5,7
TRANSISTORS		
310-01237	2 TRANSISTOR,MJE-170,PNP	Q2,4
310-01238	2 TRANSISTOR,MJE-180,NPN	Q1,3
LINEAR IC		
340-03328	1 IC,LINEAR,NE5534	U1
PC MNT CONN		
510-03209	9 CONN,F POST,AMP 1-380953-0/2	PINS 1-9
INSUL/SPACRS		
630-00952	4 INSUL,SEMI,BUSHING,TO-220	Q1-4 MTG
MACHINE SCREWS		
640-01705	4 SCRW,4-40X5/16,PNH,PH,ZN	Q1-4 MTG
NUTS		
643-01733	4 NUT,4-40,HEX,SMALL,ZN	Q1-4 MTG
WASHERS		
644-01737	4 WSHR,LOCK,SPLIT,#4	Q1-4 MTG
PC BOARDS		
710-03474	1 PC BD,MOD,OTPT AMP,M1300	

1300 FILTER BOARD --MONO

Part No.	Qty/Description	Ref.
METAL FLM RES		
203-00462	1 RES,MF,1%,1/8W,2.55K OHM	R16
203-00465	1 RES,MF,1%,1/8W,6.49K OHM	R2
203-00470	1 RES,MF,1%,1/8W,9.53K OHM	R9
203-00473	1 RES,MF,1%,1/8W,10.7K OHM	R24
203-00476	1 RES,MF,1%,1/8W,12.1K OHM	R5
203-00493	1 RES,MF,1%,1/8W,215K OHM	R1
203-01138	1 RES,MF,1%,1/8W,9.76K OHM	R19
203-01492	1 RES,MF,1%,1/8W,7.68K OHM	R20
203-01996	10 RES,MF,1/2%,1/8W,3.01K OHM	R3,4,7,8,12,13,17,18,22,23
203-02701	1 RES,MF,1%,1/8W,13.3K OHM	R15
203-03343	1 RES,MF,1%,1/8W,432 OHM	R21
203-03344	1 RES,MF,1%,1/8W,1.58K OHM	R6
203-03345	1 RES,MF,1%,1/8W,3.4K OHM	R11
203-03348	1 RES,MF,1%,1/8W,9.09K OHM	R14
203-03349	1 RES,MF,1%,1/8W,11.8K OHM	R10
203-03863	1 RES,MF,1%,1/8W,169K OHM	R25
PCRB/PP CAP		
244-03872	10 CAP,PP,1000pF,0.5%	C3,7,8,10,12,17,18,21,24,25
CERAMIC CAP		
245-03609	6 CAP,CER,.1uF,50V,Z5U,AX	C1,6,9,11,19,20
245-03867	6 CAP,CER,10pF,100V,COG,10%,AX	C4,13,15,16,22,23
245-03868	1 CAP,CER,33pF,100V,COG,10%,AX	C2
LINEAR IC		
340-03328	1 IC,LINEAR,NE5534	U1
340-03653	2 IC,LINEAR,HA4605	U2,3
PC MNT CONN		
510-03209	12 CONN,F POST,AMP 1-380953-0/2	
PANELS		
702-03577	1 SHIELD,CU/FISHPAPER,4.9X1.1	
PC BOARDS		
710-03746	1 PC BD,FILTER BD,LOW PWR	

1300 CONVERTER BOARD (NEW) — MONO

Part No.	Qty/Description	Ref.
TRIM RESISTORS		
201-03772	1 RES,TRM,ST,PC,500 OHM,SA,1/4"	R15
201-03773	1 RES,TRM,ST,PC,5K OHM,SA,1/4"	R18
CARBON FLM RES		
202-00505	2 RES,CF,5%,1/4W,10 OHM	R58,59
202-00510	2 RES,CF,5%,1/4W,51 OHM	R40,61
202-00514	1 RES,CF,5%,1/4W,100 OHM	R6
202-00529	4 RES,CF,5%,1/4W,1K OHM	R11-13,53
202-00532	1 RES,CF,5%,1/4W,1.8K OHM	R1
202-00534	2 RES,CF,5%,1/4W,2.2K OHM	R2,29
202-00540	1 RES,CF,5%,1/4W,3.9K OHM	R10
202-00549	4 RES,CF,5%,1/4W,10K OHM	R3,7,8,14
202-00552	1 RES,CF,5%,1/4W,13K OHM	R28
METAL FLM RES		
203-00456	3 RES,MF,1%,1/8W,1.00K OHM	R34,35,47
203-00457	2 RES,MF,1%,1/8W,1.50K OHM	R44,45
203-00462	1 RES,MF,1%,1/8W,2.55K OHM	R64
203-00464	1 RES,MF,1%,1/8W,4.99K OHM	R41
203-00471	3 RES,MF,1%,1/8W,10.0K OHM	R54-56
203-00480	1 RES,MF,1%,1/8W,15.0K OHM	R36
203-00489	1 RES,MF,1%,1/8W,71.5K OHM	R17
203-01136	1 RES,MF,1%,1/8W,5.76K OHM	R66
203-01490	3 RES,MF,1%,1/8W,3.09K OHM	R31,39,46
203-01671	1 RES,MF,1%,1/8W,47.5K OHM	R16
203-02010	1 RES,MF,1%,1/8W,4.87K OHM	R57
203-02658	1 RES,MF,1%,1/8W,340 OHM	R33
203-03974	2 RES,MF,1%,1/8W,3.92K OHM	R65,67
NETWORK RES		
205-03531	1 RES,NET,SIP,2%,10KX5	RP1
ELECTROLYT CAP		
240-00613	4 CAP,ELEC,22uF,25V,RAD	C57,58,64,65
240-00614	2 CAP,ELEC,47uF,16V,RAD	C1,2
TANTALUM CAP		
241-00652	7 CAP,TANT,4.7uF,25V,RAD	C8-10,29,39,41,67
241-00654	5 CAP,TANT,22uF,16V,RAD	C23,24,28,30,59
PCRB/PP CAP		
244-01151	3 CAP,PP,1000pF,2.5%	C50,53,54
244-01166	1 CAP,PP,240pF,2.5%	C68
244-01171	1 CAP,PP,5100pF,2.5%	C74

1300 CONVERTER BOARD (NEW) -- MONO (cont'd.)

Part No.	Qty/Description	Ref.
CERAMIC CAP		
245-00585	2 CAP,CER,18pF,100V,10%	C26,60
245-00586	1 CAP,CER,30pF,100V,10%	C69
245-00588	1 CAP,CER,100pF,1000V,10%	C70
245-03609	21 CAP,CER,.1uF,50V,Z5U,AX	C3-7,11-13,16,21,27,40,45-47 C61,62,71,72,C75,76
245-03867	1 CAP,CER,10pF,100V,COG,10%,AX	C15
245-03869	1 CAP,CER,100pF,100V,COG,10%,AX	C25
245-03870	1 CAP,CER,150pF,100V,COG,10%,AX	C20
245-03871	2 CAP,CER,1000pF,100V,X7R,10%,AX	C14,22
INDUCTORS		
270-00779	4 FERRITE,BEAD	FB1-4
DIODES		
300-01029	1 DIODE,1N914 AND 4148	CR7
300-01030	4 DIODE,1N4004 AND 4005	CR1,2,9,10
300-02401	2 DIODE,BAR 35,SCHOTTKY,LOW VF	CR3,4
TRANSISTORS		
310-01003	1 TRANSISTOR,MPS2369	Q1
310-03629	1 TRANSISTOR,uPA68HL,FET	Q3
DIGITAL/CMOS IC		
330-03482	1 IC,DIGITAL,74HC04	U14
330-03578	1 IC,DIGITAL,74HC00	U5
330-03583	7 IC,DIGITAL,74HC374	U3,4,7,8,10,12,15
330-03638	1 IC,DIGITAL,74HC393	U1
330-03779	2 IC,DIGITAL,74HC164	U6,11
330-03780	1 IC,DIGITAL,74HC02	U2
LINEAR IC		
340-01183	1 IC,LINEAR,LF 356	U25
340-02396	1 IC,LINEAR,HA 2515-5	U20
340-03328	3 IC,LINEAR,NE5534	U29,31,33
340-03631	1 IC,LINEAR,TL431CP	U28
340-03782	1 IC,LINEAR,LM337H,TO-39	U19
SS SW IC		
346-03329	2 IC,SS SWITCH,SD5000N	U22,26
CONVERTER IC		
355-03765	1 DAC,PCM53JG-V	U18
355-03770	1 ADC,CX899	U16
CRYSTALS		
390-03787	1 CRYSTAL,48.0000 MHZ	Y1

1300 CONVERTER BOARD (NEW) -- MONO (cont'd.)

Part No.	Qty/Description	Ref.
TRANSFORMERS		
470-03769	1 XFORMER,RF,SONY	T1
CABLE CONN		
490-02356	1 CONN,JUMPER,.1X025,2FCG	W1
PC EDGE CONN		
500-03617	2 CONN,EURO,1/2B,MALE,INV	P1,2
PC MNT CONN		
510-02671	1 CONN,POST,100X025,HDR,3MC,GOLD	W1
SOCKETS		
520-00941	5 IC SCKT,8 PIN,PC,LO-PRO	U20,25,29,31,33
520-00942	6 IC SCKT,14 PIN,PC,LO-PRO	U1,2,5,6,11,14
520-00943	2 IC SCKT,16 PIN,PC,LO-PRO	U22,26
520-00945	1 IC SCKT,24 PIN,PC,LO-PRO	U18
520-01361	7 IC SCKT,20 PIN,PC,LO-PRO	U3,4,7,8,10,12,15
520-01458	1 IC SCKT,28 PIN,PC,LO-PRO	U16
PC HDWR		
610-02269	1 HARDWARE,PC,RICHCO #MB-3-156	SHIELD MTG
INSUL/SPACRS		
630-01894	1 INSUL,SEMI,TO-5 SPCR	U19
MACHINE SCREWS		
640-01713	1 SCRW,6-32X5/16,PNH,PH,ZN	SHIELD MTG
NUTS		
643-01728	1 NUT,6-32,KEP,ZN	SHIELD MTG
WASHERS		
644-01739	1 WSHR,INT STAR,#6	SHIELD MTG
BULK WIRE		
670-01768	2 WIRE,JMP,22AWG,0.5",TEF,WHT	W4,5
670-01974	1 WIRE,JMP,22AWG,0.1",NON-INSUL	W3
PANELS		
702-03744	1 SHIELD,CU/FI SHPAPER,7.0X5.5	
PC BOARDS		
710-03753	1 PC BD,CONV,STEREO,M1300S	

1300 FRONT PANEL — MONO

Part No.	Qty/Description	Ref.
POTENTIOMETERS		
200-03210	2 POT,RTY,PC,5K-U,1/8X3/8	R7,8
CARBON FLM RES		
202-00499	1 RES,CF,5%,1/2W,27 OHM	R1
METAL FLM RES		
203-00459	1 RES,MF,1%,1/8W,2.00K OHM	R4
203-00474	1 RES,MF,1%,1/8W,11.0K OHM	R3
ELECTROLYT CAP		
240-00608	1 CAP,ELEC,2.2uF,50V,RAD	C1
240-00614	1 CAP,ELEC,47uF,16V,RAD	C2
DIODES		
300-01023	3 DIODE,1N283	CR5-7
LINEAR IC		
340-03630	1 IC,LINEAR,LM3915	U1
DSPLY/IND/LED		
430-01507	4 LED,DSPLY,5082-7613	DS1-4
430-01992	1 LED,RED,HE5082-4650	CR18
430-02013	6 LED,GRN,5082-4950	CR9-14
430-02014	3 LED,YEL,5082-4550	CR15-17
430-03624	4 LED,RED,RECT,.22X.125,DIFFUSED	CR1-4
TOGGLE SWITCH		
450-01073	3 SW,TGL,1P2T,BLK BUSH,PC,GOLD C	SW2-4
SW, THUMBWHEEL		
456-03614	1 SW,THMBWHL,4 SCTN,BCD COMP	SW1
SOCKETS		
520-02177	1 IC SCKT,18 PIN,PC,LO-PRO	U1
520-02341	4 IC SCKT,14 PIN,WRAP-1L	DS1-4
INSUL/SPACRS		
630-02409	10 SPCR,#6CLX5/8,1/4RD,NYL	CR9-18
630-03669	4 SPCR,#4CLX3/8,3/16RD,NYL	CR1-4
BULK WIRE		
670-01844	1 WIRE,JMP,24AWG,BUSS WIRE	P21 TO SW1 INTERCONNECT (LENGTH AS REQUIRED)
670-02837	2 CABLE,FLEX-JUMP,19C,1.5X0.1	J21,22

1300 FRONT PANEL — MONO (cont'd.)

Part No.	Qty/Description	Ref.
PC BOARDS		
710-03462	1 PC BD,FP BD,M1300	
PLASTICS		
720-03659	2 BLOCK,NEOPRENE,.95X.8X.25,PSA	SW1

1300 INPUT TRANSFORMER OPTION -- MONO

Part No.	Qty/Description	Ref.
METAL FLM RES 203-00476	1 RES,MF,1%,1/8W,12.1K OHM	R77,PICK AND ADD TO PRE-SLDR MAIN #025-03600
PCRB/PP CAP 244-02486	1 CAP,PP,510pF,160V,2.5%,AX	C162,PICK AND ADD TO PRE-SLDR MAIN #025-03600
TRANSFORMERS 470-03206	1 XFORMER,INPT,M200	T4,PICK AND ADD TO POST-SLDR MAIN #024-03599

1300/S FUSE OPTION 100/120V — MONO & STEREO

Part No.	Qty/Description	Ref.
FUSES		
440-00862	1 FUSE,3AG,SLO-BLO,.500AMP	F1

1300/S FUSE OPTION 220/240V — MONO & STEREO

Part No.	Qty/Description	Ref.
FUSES		
440-02348	1 FUSE, 5X20MM, SLO-BLO, .250AMP	F1
ELECTRONIC HDWR		
600-01878	1 FUSE, ADAPTOR, 5X20MM TO 3AG	

1300/S MEMORY OPTION #1 -- MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC		
350-02689	8 IC,DRAM,4164,64KX1,250NS	U9-12,U33-36
CABLE CONN		
490-02356	3 CONN,JUMPER,.1X025,2FCG	

1300/S MEMORY OPTION #2 — MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC 350-02689	24 IC, DRAM, 4164, 64KX1, 250NS	U9-20, U33-44
CABLE CONN 490-02356	4 CONN, JUMPER, .1X025, 2FCG	

1300/S MEMORY OPTION #3 — MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC		
350-02689	40 IC,DRAM,4164,64KX1,250NS	U9-28,U33-52
CABLE CONN		
490-02356	6 CONN,JUMPER,.1X025,2FCG	

1300S CHASSIS HARDWARE — STEREO

Part No.	Qty/Description	Ref.
CUST LITERATURE		
070-03693	1 MANUAL, OPER/SERVICE, M1300/S	
CERAMIC CAP		
245-00586	1 CAP, CER, 30pF, 100V, 10%	J11 (C182)
INDUCTORS		
270-00779	1 FERRITE, BEAD	J11 (FB9)
SCR		
320-01014	1 TRANSISTOR, C122F1, SCR	Q2
LINEAR IC		
340-01525	2 IC, LINEAR, 7905, -5V REG	U3, 89
340-03212	2 IC, LINEAR, LM317T, TO-220	U1, 4
CABLE CONN		
490-00153	2 CONN, BNC, 1FC, MB, ISOLATED	J11, J12
490-00396	1 CONN, AC AND RFI FILTER	J10
GROMMETS		
540-01769	2 GROMMET, NYL, .125 THK	SW1
FEET		
541-00781	4 BUMPER, FEET, 3-M #SJ5025	
ELECTRONIC HDWR		
600-00872	1 FUSE HOLDER, 3AG, PANEL, RA	F1
PC HDWR		
610-02269	3 HARDWARE, PC, RICHCO #MB-3-156	CU/FISHPAPER SHIELD
LUGS		
620-03649	2 LUG, SOLDER, LCKING, 3/8	BNC TO MAIN GND
INSUL/SPACRS		
630-00952	5 INSUL, SEMI, BUSHING, TO-220	U1, U3, U4, U89, Q2 MTG
630-01853	5 INSUL, SEMI, SIL RUB, TO-220	U1, U3, U4, U89, Q2 MTG
630-02705	6 WSHR, FL, #6CLX1/40DX.02, BLK, NYL	FP MTG
SPCR, NON-INSUL		
635-03083	2 SPCR, 6-32X3/4, 1/4HEX, W STUD	FP BD MTG

1300S CHASSIS HARDWARE — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
MACHINE SCREWS		
640-01701	1 SCRW,4-40X1/4,PNH,PH,ZN	U89 MTG
640-01704	8 SCRW,4-40X5/16,FH,PH,ZN	XLR MTG
640-01706	6 SCRW,4-40X3/8,PNH,PH,ZN	U1,U3,U4 MTG(3),Q2 MTG (1) J1 MTG (2)
640-01716	8 SCRW,6-32X3/8,PNH,PH,ZN	CHASSIS INSERT MTG
640-02706	6 SCRW,6-32X1/4,BH,SCKT,BLK	FP MTG
640-03087	1 SCRW,6-32X3/8,PNH,PH,SEMS,BLK	GRND LUG MTG
640-03635	3 SCRW,6-32X1/2,FH,100DEG,PH,BLK	BOTTOM COVER
640-03636	7 SCRW,6-32X1/4,FH,100DEG,PH,BLK	TOP & BOTTOM COVERS
640-03637	18 SCRW,4-40X3/16,PNH,PH,BLK	TOP/BOTTOM COVER MTG
640-03713	42 SCRW,6-32X1/4,PNH,PH,SEMS,ZN	VIDEO CONTROL BD MTG (6), CONV BD MTG (6) MTHBD TO CHASSIS MTG (8) BRACE MTG(2) PERSONALITY BD MTG (6) CONVERTER BD MTG (6) FRONT PANEL BD MTG (6) CNTRL BRKT TO CHASSIS MTG (2)
NUTS		
643-01729	1 NUT,6-32,HEX,SMALL,ZN	GRND LUG MTG
643-01732	10 NUT,4-40,KEP,ZN	XLR MTG (8), J1 MTG (2)
643-01733	4 NUT,4-40,HEX,SMALL,ZN	U1,U3,U4,Q2 MTG
WASHERS		
644-01736	5 WSHR,FL,#4CLX.2180DX.032THK	U1,U3,U4,U89,Q2 MTG
644-01737	5 WSHR,LOCK,SPLIT,#4	U1,U3,U4,U89,Q2 MTG
644-01739	8 WSHR,INT STAR,#6	CHASSIS INSERT MTG
PRE-CUT WIRE		
675-02843	1 WIRE,18G,WHT,4",ST&T1/4X1/4	AC WIRING
675-02847	2 WIRE,18G,BLK,4",ST&T1/4X1/4	AC WIRING
675-02852	1 WIRE,16G,GRN,4",ST1/4XST&T1/4	GRND
675-02884	4 WIRE,24G,WHT,1.5",ST&T1/4X1/4	J11,12 WIRING
CABLES/CORDS		
680-00841	1 CORD,POWER,PHILLIP #13E37-1	
SLEEVING		
690-01886	1 SLEEVING,SHRINK,1/2"DIA,2"BLK	F1
690-02060	5 SLEEVING,SHRINK,3/16"	J1, F1 WIRING,1/2" LENGTHS

1300S CHASSIS HARDWARE -- STEREO (cont'd.)

Part No.	Qty/Description	Ref.
CHASSIS/MECH		
700-03559	1 CHASSIS, INSERT, FP, ASSY, M1300	
700-03560	1 CHASSIS, WRAPAROUND, M1300	
700-03561	1 COVER, TOP, M1300	
700-03562	1 COVER, BOTTOM, M1300	
700-03563	1 CHASSIS, PC BRACE, M1300	
BRACKETS		
701-00299	9 BRACKET, KEYSTONE #617	SUPPLIED TO CHASSIS VENDOR
701-03564	2 BRACKET, MOUNTING, M1300	
PANELS		
702-03557	1 PANEL, FRONT, M1300S	
702-03642	1 COVER, PROTECTIVE, AC, M1300	
702-03643	1 COVER, PROTECTIVE, MAIN BD, M1300	
LENS/PLATE/PANL		
703-02775	1 LENS, DISPLAY, M42	
SHIPPING MAT		
730-02821	2 BAG, CLEAR, 18X24X.004	
730-03085	1 BOX, OUT, 23X18.5X7.75	
LABEL/NAMEPLTS		
740-03805	1 LABEL, FU, 3A, SLO-BLO, REPL	CHASSIS WRAPAROUND
740-03862	1 LABEL, PROGRAM SWITCHES, M1300	INSIDE TOP COVER

1300S MAIN BOARD — STEREO

Part No.	Qty/Description	Ref.
TRIM RESISTORS		
201-00427	1 RES,TRM,ST,PC,1K,SA,CER	R13
201-01619	2 RES,TRM,ST,PC,500 OHM,SA,CER	R3,11
CARBON FLM RES		
202-00503	2 RES,CF,5%,1/2W,1.5K OHM	R28,29
202-00505	1 RES,CF,5%,1/4W,10 OHM	R20
202-00509	1 RES,CF,5%,1/4W,47 OHM	R15
202-00514	2 RES,CF,5%,1/4W,100 OHM	R59,62
202-00517	1 RES,CF,5%,1/4W,200 OHM	R21
202-00524	1 RES,CF,5%,1/4W,470 OHM	R27
202-00525	2 RES,CF,5%,1/4W,510 OHM	R7,18
202-00529	2 RES,CF,5%,1/4W,1K OHM	R14,22
202-00532	1 RES,CF,5%,1/4W,1.8K OHM	R26
202-00538	1 RES,CF,5%,1/4W,3.3K OHM	R19
202-00542	1 RES,CF,5%,1/4W,4.7K OHM	R46
202-00543	2 RES,CF,5%,1/4W,5.1K OHM	R48,49
202-00546	1 RES,CF,5%,1/4W,7.5K OHM	R47
202-00549	2 RES,CF,5%,1/4W,10K OHM	R16,32
202-00557	2 RES,CF,5%,1/4W,24K OHM	R31,33
202-00559	6 RES,CF,5%,1/4W,30K OHM	R30,34,55,57,58,61
202-00564	2 RES,CF,5%,1/4W,51K OHM	R50,53
202-00570	1 RES,CF,5%,1/4W,100K OHM	R4
202-00577	4 RES,CF,5%,1/4W,300K OHM	R51,52,54,56
202-00580	2 RES,CF,5%,1/4W,1M OHM	R35,44
202-01228	1 RES,CF,5%,1/4W,620 OHM	R12
202-01245	1 RES,CF,5%,1/4W,1.6K OHM	R10
202-01365	4 RES,CF,5%,1/4W,3.9M OHM	R39,43,60,63
METAL FLM RES		
203-00456	3 RES,MF,1%,1/8W,1.00K OHM	R24,74,80
203-00458	4 RES,MF,1%,1/8W,1.82K OHM	R66,68,76,78
203-00471	6 RES,MF,1%,1/8W,10.0K OHM	R37,38,41,42,72,82
203-00482	2 RES,MF,1%,1/8W,20.0K OHM	R36,40
203-00491	2 RES,MF,1%,1/8W,100K OHM	R73,83
203-01143	3 RES,MF,1%,1/8W,2.49K OHM	R2,64,70
203-01459	2 RES,MF,1%,1/8W,243 OHM	R1,9
203-01489	1 RES,MF,1%,1/8W,499 OHM	R8
203-01495	2 RES,MF,1%,1/8W,33.2K OHM	R71,81
203-01996	2 RES,MF,1/2%,1/8W,3.01K OHM	R5,6
203-02353	4 RES,MF,1%,1/8W,49.9K OHM	R65,69,75,79
203-02658	1 RES,MF,1%,1/8W,340 OHM	R25
203-03875	3 RES,MF,2%,1W,150 OHM	R17,23,84
203-03876	2 RES,MF,2%,1/2W,600 OHM	R45,85

1300S MAIN BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
NETWORK RES		
205-00241	1 RES,NET,SIP,2%,4.7KX7	RP7
205-00330	3 RES,NET,SIP,2%,3.3KX9	RP4-6
205-01133	2 RES,NET,DIP,1%,10KX8	RP8,9
205-01485	3 RES,NET,DIP,2%,33X8	RP1-3
ELECTROLYT CAP		
240-00608	2 CAP,ELEC,2.2uF,50V,RAD	C150,152
240-00613	2 CAP,ELEC,22uF,25V,RAD	C151,153
240-00614	6 CAP,ELEC,47uF,16V,RAD	C118,120,128,140,146,149
240-00617	1 CAP,ELEC,470uF,16V,RAD	C21
240-00618	1 CAP,ELEC,470uF,35V,AX	C131
240-00620	1 CAP,ELEC,1000uF,35V,RAD	C15
240-01262	9 CAP,ELEC,330uF,25V,RAD	C1,4,93,123,124,170-173
240-02048	2 CAP,ELEC,47uF,25V,AX	C139,141
240-03574	2 CAP,ELEC,3300uF,35V,RAD,LO-PRO	C8,9
240-03575	1 CAP,ELEC,10000uF,16V,RAD,LO-PR	C10
240-03857	2 CAP,ELEC,1000uF,25V,RAD,NONPOL	C121,122
TANTALUM CAP		
241-00655	2 CAP,TANT,22uF,25V,RAD	C5,132
PCRB/PP CAP		
244-00662	4 CAP,MYL,.1uF,5%,RAD	C105,106,108,117
244-01488	2 CAP,MYL,.22uF,100V,10%,RAD	C116,119
244-02104	8 CAP,PP,100pF,160V,2.5%,AX	C155,156,160,161,163,164,168 C169
CERAMIC CAP		
245-00586	2 CAP,CER,30pF,100V,10%	C6,7
245-00590	9 CAP,CER,150pF,500V,10%	C85,107,115,129,130,135,136 C143,145
245-00593	1 CAP,CER,560pF,500V,10%,Z5F	C95
245-00594	4 CAP,CER,.001uF,500V,10%,Z5F	C125,126,133,134
245-00607	2 CAP,CER,39pF,1000V,10%	C96,99
245-01164	4 CAP,CER,10pF	C110,114,159,167
245-02105	4 CAP,CER,5pF,500V,10%,NPO	C142,144,147,148
245-03609	100 CAP,CER,.1uF,50V,Z5U,AX	C2,3,11-14,16-20,22-84,86-92 94,97,98,100,C101-104,109 111-113,127,137,C138,157,158 165,166
INDUCTORS		
270-00779	8 FERRITE,BEAD	FB1-8

1300S MAIN BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
DIODES		
300-01026	1 DIODE,1N753	CR8
300-01029	18 DIODE,1N914 AND 4148	CR15-32
300-01030	11 DIODE,1N4004 AND 4005	CR1-5,9-14
300-03546	2 DIODE,BRIDGE,2A,200V	CR6,7
TRANSISTORS		
310-01003	1 TRANSISTOR,MPS2369	Q3
310-01007	3 TRANSISTOR,2N3904	Q7,9,10
310-01008	1 TRANSISTOR,2N3906	Q8
310-01009	3 TRANSISTOR,2N4393	Q1,5,6
310-01646	1 TRANSISTOR,2N4403	Q4
DIGITAL/CMOS IC		
330-00712	1 IC,DIGITAL,74LS163	U77
330-03482	4 IC,DIGITAL,74HC04	U53,60,73,80
330-03578	3 IC,DIGITAL,74HC00	U64,70,74
330-03579	1 IC,DIGITAL,74HC20	U69
330-03580	1 IC,DIGITAL,74HC107	U75
330-03581	1 IC,DIGITAL,74HC138	U54
330-03582	5 IC,DIGITAL,74HC163	U65-68,71
330-03583	3 IC,DIGITAL,74HC374	U55,56,78
330-03874	6 IC,DIGITAL,74HC283	U57-59,61-63
LINEAR IC		
340-00722	1 IC,LINEAR,LM301	U2
340-01183	1 IC,LINEAR,LF 356	U79
340-01566	2 IC,LINEAR,LF353,DUAL OP AMP	U85,86
340-02086	1 IC,LINEAR,LM317LH,TO-39	U84
340-02396	2 IC,LINEAR,HA 2515-5	U81,83
340-03653	2 IC,LINEAR,HA4605	U87,88
SS SW IC		
346-02677	1 IC,SS SWITCH,DG211	U82
MEMORY IC		
350-02689	8 IC,DRAM,4164,64KX1,250NS	U5-8,29-32
350-03866	1 IC,ROM,82S123,M1300S	U76
SEMICONDUCTORS		
360-01612	2 SEMICOND,VARISTOR	VR1,2
CRYSTALS		
390-03613	1 CRYSTAL OSC,6.144 MHZ,CMOS	U72
FANS/MOTRS/RELY		
410-03584	4 RELAY,2P2T,LOW LEVEL,DIP	K1-4

1300S MAIN BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
FUSES		
440-02665	4 FUSE, 5X20MM, SLO-BLO, 3AMP, 250V	F2-5
SLIDE SWITCH		
451-02230	2 SW, SL, 2P2T, V-CHNG, PC, 4A	SW1, 2
TRANSFORMERS		
470-03481	1 XFORMER, POWER, TOROID, 30VA	T1
470-03623	2 XFORMER, OTPT, LO-PRO	T2, 3
CABLE CONN		
490-02356	8 CONN, JUMPER, .1X025, 2FCG	
PC EDGE CONN		
500-03618	2 CONN, EURO, 1/2B, FEM	J17, 18
500-03620	1 CONN, EURO, C, ROW a+c, FEM	J19
PC MNT CONN		
510-01067	5 CONN, POST, 100X025, HDR, 12MCG	W1-22, 27, 28
510-02534	2 CONN, XLR, 3MC, PCRA	J13, 15
510-02535	2 CONN, XLR, 3FC, PCRA	J14, 16
SOCKETS		
520-00941	8 IC SCKT, 8 PIN, PC, LO-PRO	U2, 79, 81, 83, 85, 86, 90, 91
520-00942	11 IC SCKT, 14 PIN, PC, LO-PRO	U53, 60, 64, 69, 70, 73-75, 80, 87, 88
520-00943	63 IC SCKT, 16 PIN, PC, LO-PRO	U5-52, 54, 57-59, 61-63, 65-68, 71
		U76, 77, 82
520-01361	3 IC SCKT, 20 PIN, PC, LO-PRO	U55, 56, 78
ELECTRONIC HDWR		
600-02227	8 FUSE CLIP, 20MM, PC	F2-5
600-03660	2 XFORMER CASE, OTPT, LOPRO, MU, TOP	T2, T3 MTG
600-03661	2 XFORMER CASE, OTPT, LOPRO, MU, BOT	T2, T3 MTG
INSUL/SPACRS		
630-00953	8 WSHR, FL, #6CLX3/80DX1/16, FBR	OUTPUT XFORMER MTG (4), J13-16 MTG (4)
630-01894	1 INSUL, SEMI, T0-5 SPCR	U84 MTG
SPCR, NON-INSUL		
635-03632	6 SPCR, SWAGE, 6-32X.71, 1/4RD, BR/N	CONVERTER BD MTG
635-03633	3 SPCR, SWAGE, #6CLX.17, 1/4RD, BR/N	MAIN BD TO COVER
635-03634	3 SPCR, SWAGE, 6-32X.66, 1/4RD, BR/N	VIDEO BD MTG
MACHINE SCREWS		
640-01758	1 SCRW, 10-32X1/2, PNH, PH, ZN	T1 MTG
640-03675	4 SCRW, 6-32X1-1/4, PNH, PH, ZN	OTPT XFORMER MTG

1300S MAIN BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
THRD-FORM SCRW 641-03751	4 SCRW,TAP,AB,4X5/16,PNH,PH,ZN	J13-16 MTG
NUTS 643-01728	4 NUT,6-32,KEP,ZN	OTPT XFORMER MTG
WASHERS 644-01742	1 WSHR,INT STAR,#10	T1 MTG
SLEEVING 690-02061	6 SLEEVING,SHRINK,1/8"	T1
PANELS 702-03672	2 INSUL,NOMEX,OTPT XFORMER	T2,3
PC BOARDS 710-03450	1 PC BD,MAIN BD,M1300	

1300S OUTPUT AMP MOD — STEREO

Part No.	Qty/Description	Ref.
CARBON FLM RES		
202-00498	2 RES,CF,5%,1/2W,5.1 OHM	R1,2
202-00537	2 RES,CF,5%,1/4W,3K OHM	R4,6
202-01225	1 RES,CF,5%,1/4W,6.2K OHM	R7
202-02649	1 RES,CF,5%,1/4W,300 OHM	R5
METAL FLM RES		
203-00471	1 RES,MF,1%,1/8W,10.0K OHM	R8
203-00487	1 RES,MF,1%,1/8W,30.1K OHM	R3
203-01664	1 RES,MF,1%,1/8W,133K OHM	R9
TANTALUM CAP		
241-00654	2 CAP,TANT,22uF,16V,RAD	C2,3
CERAMIC CAP		
245-00586	1 CAP,CER,30pF,100V,10%	C6
245-01164	1 CAP,CER,10pF	C1
245-01651	3 CAP,CER,.1uF,50V,80/20%	C4,5,7
TRANSISTORS		
310-01237	2 TRANSISTOR,MJE-170,PNP	Q2,4
310-01238	2 TRANSISTOR,MJE-180,NPN	Q1,3
LINEAR IC		
340-03328	1 IC,LINEAR,NE5534	U1
PC MNT CONN		
510-03209	9 CONN,F POST,AMP 1-380953-0/2	PINS 1-9
INSUL/SPACRS		
630-00952	4 INSUL,SEMI,BUSHING,TO-220	Q1-4 MTG
MACHINE SCREWS		
640-01705	4 SCRW,4-40X5/16,PNH,PH,ZN	Q1-4 MTG
NUTS		
643-01733	4 NUT,4-40,HEX,SMALL,ZN	Q1-4 MTG
WASHERS		
644-01737	4 WSHR,LOCK,SPLIT,#4	Q1-4 MTG
PC BOARDS		
710-03474	1 PC BD,MOD,OTPT AMP,M1300	

1300S FILTER BOARD — STEREO

Part No.	Qty/Description	Ref.
METAL FLM RES		
203-00462	1 RES,MF,1%,1/8W,2.55K OHM	R16
203-00465	1 RES,MF,1%,1/8W,6.49K OHM	R2
203-00470	1 RES,MF,1%,1/8W,9.53K OHM	R9
203-00473	1 RES,MF,1%,1/8W,10.7K OHM	R24
203-00476	1 RES,MF,1%,1/8W,12.1K OHM	R5
203-00493	1 RES,MF,1%,1/8W,215K OHM	R1
203-01138	1 RES,MF,1%,1/8W,9.76K OHM	R19
203-01492	1 RES,MF,1%,1/8W,7.68K OHM	R20
203-01996	10 RES,MF,1/2%,1/8W,3.01K OHM	R3,4,7,8,12,13,17,18,22,23
203-02701	1 RES,MF,1%,1/8W,13.3K OHM	R15
203-03343	1 RES,MF,1%,1/8W,432 OHM	R21
203-03344	1 RES,MF,1%,1/8W,1.58K OHM	R6
203-03345	1 RES,MF,1%,1/8W,3.4K OHM	R11
203-03348	1 RES,MF,1%,1/8W,9.09K OHM	R14
203-03349	1 RES,MF,1%,1/8W,11.8K OHM	R10
203-03863	1 RES,MF,1%,1/8W,169K OHM	R25
PCRB/PP CAP		
244-03872	10 CAP,PP,1000pF,0.5%	C3,7,8,10,12,17,18,21,24,25
CERAMIC CAP		
245-03609	6 CAP,CER,.1uF,50V,Z5U,AX	C1,6,9,11,19,20
245-03867	6 CAP,CER,10pF,100V,COG,10%,AX	C4,13,15,16,22,23
245-03868	1 CAP,CER,33pF,100V,COG,10%,AX	C2
LINEAR IC		
340-03328	1 IC,LINEAR,NE5534	U1
340-03653	2 IC,LINEAR,HA4605	U2,3
PC MNT CONN		
510-03209	12 CONN,F POST,AMP 1-380953-0/2	
PANELS		
702-03577	1 SHIELD,CU/FISHPAPER,4.9X1.1	
PC BOARDS		
710-03746	1 PC BD,FILTER BD,LOW PWR	

1300S CONVERTER BOARD — STEREO

Part No.	Qty/Description	Ref.
TRIM RESISTORS		
201-03772	2 RES,TRM,ST,PC,500 OHM,SA,1/4"	R15,24
201-03773	2 RES,TRM,ST,PC,5K OHM,SA,1/4"	R18,27
CARBON FLM RES		
202-00505	2 RES,CF,5%,1/4W,10 OHM	R58,59
202-00510	4 RES,CF,5%,1/4W,51 OHM	R40,42,60,61
202-00514	2 RES,CF,5%,1/4W,100 OHM	R6,9
202-00529	7 RES,CF,5%,1/4W,1K OHM	R11-13,20-22,53
202-00532	2 RES,CF,5%,1/4W,1.8K OHM	R1,5
202-00534	3 RES,CF,5%,1/4W,2.2K OHM	R2,4,29
202-00540	2 RES,CF,5%,1/4W,3.9K OHM	R10,19
202-00549	5 RES,CF,5%,1/4W,10K OHM	R3,7,8,14,23
202-00552	1 RES,CF,5%,1/4W,13K OHM	R28
METAL FLM RES		
203-00456	5 RES,MF,1%,1/8W,1.00K OHM	R34,35,38,47,51
203-00457	6 RES,MF,1%,1/8W,1.50K OHM	R44,45,48,49,70,71
203-00462	3 RES,MF,1%,1/8W,2.55K OHM	R32,64,68
203-00464	2 RES,MF,1%,1/8W,4.99K OHM	R41,43
203-00471	4 RES,MF,1%,1/8W,10.0K OHM	R54-56,63
203-00480	2 RES,MF,1%,1/8W,15.0K OHM	R36,37
203-00489	2 RES,MF,1%,1/8W,71.5K OHM	R17,26
203-01136	1 RES,MF,1%,1/8W,5.76K OHM	R66
203-01490	7 RES,MF,1%,1/8W,3.09K OHM	R30,31,39,46,50,52,69
203-01671	2 RES,MF,1%,1/8W,47.5K OHM	R16,25
203-02010	2 RES,MF,1%,1/8W,4.87K OHM	R57,62
203-02011	1 RES,MF,1%,1/8W,2.32K OHM	R73
203-02291	1 RES,MF,1%,1/8W,5.49K OHM	R72
203-02658	1 RES,MF,1%,1/8W,340 OHM	R33
203-03974	2 RES,MF,1%,1/8W,3.92K OHM	R65,67
NETWORK RES		
205-03531	1 RES,NET,SIP,2%,10KX5	RP1
ELECTROLYT CAP		
240-00613	4 CAP,ELEC,22uF,25V,RAD	C57,58,64,65
240-00614	2 CAP,ELEC,47uF,16V,RAD	C1,2
TANTALUM CAP		
241-00652	10 CAP,TANT,4.7uF,25V,RAD	C8-10,29,37,39,41,42,67,73
241-00654	8 CAP,TANT,22uF,16V,RAD	C23,24,28,30,31,36,38,59

1300S CONVERTER BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
PCRB/PP CAP		
244-01151	4 CAP,PP,1000pF,2.5%	C50,51,53,54
244-01166	1 CAP,PP,240pF,2.5%	C68
244-01171	2 CAP,PP,5100pF,2.5%	C74,83
244-02486	5 CAP,PP,510pF,160V,2.5%,AX	C55,56,79,80,82
CERAMIC CAP		
245-00585	7 CAP,CER,18pF,100V,10%	C26,34,44,60,63,77,78
245-00586	1 CAP,CER,30pF,100V,10%	C69
245-00588	1 CAP,CER,100pF,1000V,10%	C70
245-03609	28 CAP,CER,.1uF,50V,Z5U,AX	C3-7,11-13,16,21,27,35,40,43 C45-49,52,C61,62,66,71,72,75,76 81
245-03867	1 CAP,CER,10pF,100V,COG,10%,AX	C15
245-03869	2 CAP,CER,100pF,100V,COG,10%,AX	C25,33
245-03870	1 CAP,CER,150pF,100V,COG,10%,AX	C20
245-03871	6 CAP,CER,1000pF,100V,X7R,10%,AX	C14,17-19,22,32
INDUCTORS		
270-00779	4 FERRITE,BEAD	FB1-4
DIODES		
300-01029	2 DIODE,1N914 AND 4148	CR7,8
300-01030	4 DIODE,1N4004 AND 4005	CR1,2,9,10
300-02401	4 DIODE,BAR 35,SCHOTTKY,LOW VF	CR3-6
TRANSISTORS		
310-01003	2 TRANSISTOR,MPS2369	Q1,2
310-03629	3 TRANSISTOR,uPA68HL,FET	Q3,4,5
DIGITAL/CMOS IC		
330-03482	1 IC,DIGITAL,74HC04	U14
330-03578	1 IC,DIGITAL,74HC00	U5
330-03583	7 IC,DIGITAL,74HC374	U3,4,7,8,10,12,15
330-03638	1 IC,DIGITAL,74HC393	U1
330-03779	4 IC,DIGITAL,74HC164	U6,9,11,13
330-03780	1 IC,DIGITAL,74HC02	U2
LINEAR IC		
340-01183	2 IC,LINEAR,LF 356	U25,27
340-02396	2 IC,LINEAR,HA 2515-5	U20,21
340-03328	7 IC,LINEAR,NE5534	U24,29-34
340-03631	1 IC,LINEAR,TL431CP	U28
340-03782	1 IC,LINEAR,LM337H,T0-39	U19
SS SW IC		
346-03329	3 IC,SS SWITCH,SD5000N	U22,23,26

1300S CONVERTER BOARD — STEREO (cont'd.)

Part No.	Qty/Description	Ref.
CONVERTER IC		
355-03765	1 DAC,PCM53JG-V	U18
355-03770	2 ADC,CX899	U16,17
CRYSTALS		
390-03787	1 CRYSTAL,48.0000 MHz	Y1
TRANSFORMERS		
470-03769	1 XFORMER,RF,SONY	T1
CABLE CONN		
490-02356	1 CONN,JUMPER,.1X025,2FCG	W1
PC EDGE CONN		
500-03617	2 CONN,EURO,1/2B,MALE,INV	P1,2
PC MNT CONN		
510-02671	1 CONN,POST,100X025,HDR,3MC,GOLD	W1
SOCKETS		
520-00941	11 IC SCKT,8 PIN,PC,LO-PRO	U20,21,24,25,27,29,30-34
520-00942	8 IC SCKT,14 PIN,PC,LO-PRO	U1,2,5,6,9,11,13,14
520-00943	3 IC SCKT,16 PIN,PC,LO-PRO	U22,23,26
520-00945	1 IC SCKT,24 PIN,PC,LO-PRO	U18
520-01361	7 IC SCKT,20 PIN,PC,LO-PRO	U3,4,7,8,10,12,15
520-01458	2 IC SCKT,28 PIN,PC,LO-PRO	U16,17
PC HDWR		
610-02269	1 HARDWARE,PC,RICHCO #MB-3-156	SHIELD MTG
INSUL/SPACRS		
630-01894	1 INSUL,SEMI,TO-5 SPCR	U19
MACHINE SCREWS		
640-01713	1 SCRW,6-32X5/16,PNH,PH,ZN	SHIELD MTG
NUTS		
643-01728	1 NUT,6-32,KEP,ZN	SHIELD MTG
WASHERS		
644-01739	1 WSHR,INT STAR,#6	SHIELD MTG
BULK WIRE		
670-01768	2 WIRE,JMP,22AWG,0.5",TEF,WHT	W4,5
670-01974	1 WIRE,JMP,22AWG,0.1",NON-INSUL	W2

1300S CONVERTER BOARD -- STEREO (cont'd.)

Part No.	Qty/Description	Ref.
PANELS		
702-03744	1 SHIELD,CU/FISHPAPER,7.0X5.5	
PC BOARDS		
710-03753	1 PC BD,CONV,STEREO,M1300S	

1300S FRONT PANEL BOARD — STEREO

Part No.	Qty/Description	Ref.
POTENTIOMETERS		
200-03210	4 POT,RTY,PC,5K-U,1/8X3/8	R7-10
CARBON FLM RES		
202-00499	2 RES,CF,5%,1/2W,27 OHM	R1,2
METAL FLM RES		
203-00459	2 RES,MF,1%,1/8W,2.00K OHM	R4,5
203-00474	2 RES,MF,1%,1/8W,11.0K OHM	R3,6
ELECTROLYT CAP		
240-00608	1 CAP,ELEC,2.2uF,50V,RAD	C1
240-00614	2 CAP,ELEC,47uF,16V,RAD	C2,3
DIODES		
300-01023	3 DIODE,1N283	CR5-7
LINEAR IC		
340-03630	2 IC,LINEAR,LM3915	U1,2
DSPLY/IND/LED		
430-01507	4 LED,DSPLY,5082-7613	DS1-4
430-01992	2 LED,RED,HE5082-4650	CR18,28
430-02013	12 LED,GRN,5082-4950	CR9-14,19-24
430-02014	6 LED,YEL,5082-4550	CR15-17,25-27
430-03624	4 LED,RED,RECT,.22X.125,DIFFUSED	CR1-4
TOGGLE SWITCH		
450-01073	3 SW,TGL,1P2T,BLK BUSH,PC,GOLD C	SW2-4
SW, THUMBWHEEL		
456-03614	1 SW,THMBWHL,4 SCTN,BCD COMP	SW1
SOCKETS		
520-02177	2 IC SCKT,18 PIN,PC,LO-PRO	U1,2
520-02341	4 IC SCKT,14 PIN,WRAP-1L	DS1-4
INSUL/SPACRS		
630-02409	20 SPCR,#6CLX5/8,1/4RD,NYL	CR9-28
630-03669	4 SPCR,#4CLX3/8,3/16RD,NYL	CR1-4
BULK WIRE		
670-01844	1 WIRE,JMP,24AWG,BUSS WIRE	P21 TO SW1 INTERCONNECT (LENGTH AS REQUIRED)
670-02837	2 CABLE,FLEX-JUMP,19C,1.5X0.1	J21,22

1300S FRONT PANEL BOARD -- STEREO (cont'd.)

Part No.	Qty/Description	Ref.
PC BOARDS		
710-03462	1 PC BD,FP BD,M1300	
PLASTICS		
720-03659	2 BLOCK,NEOPRENE,.95X.8X.25,PSA	DIGI SWITCH SUPPORT (SW1)

1300S INPUT TRANSFORMER OPTION — STEREO

Part No.	Qty/Description	Ref.
METAL FLM RES 203-00476	2 RES,MF,1%,1/8W,12.1K OHM	R67,77 PICK AND ADD TO PRE-SLDR MAIN BOARD #025-03507
PCRB/PP CAP 244-02486	2 CAP,PP,510pF,160V,2.5%,AX	C154,162 PICK AND ADD TO PRE-SLDR MAIN BOARD #025-03507
TRANSFORMERS 470-03206	2 XFORMER,INPT,M200	T4,5,PICK AND ADD TO POST-SLDR MAIN BOARD #024-03506

1300/S FUSE OPTION 100/120V — MONO & STEREO

Part No.	Qty/Description	Ref.
FUSES		
440-00862	1 FUSE,3AG,SLO-BLO,.500AMP	F1

1300/S FUSE OPTION 220/240V — MONO & STEREO

Part No.	Qty/Description	Ref.
FUSES		
440-02348	1 FUSE, 5X20MM, SLO-BLO, .250AMP	F1
ELECTRONIC HDWR		
600-01878	1 FUSE, ADAPTOR, 5X20MM TO 3AG	

1300/S MEMORY OPTION #1 — MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC 350-02689	8 IC, DRAM, 4164, 64KX1, 250NS	U9-12, U33-36
CABLE CONN 490-02356	3 CONN, JUMPER, .1X025, 2FCG	

1300/S MEMORY OPTION #2 — MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC		
350-02689	24 IC,DRAM,4164,64KX1,250NS	U9-20,U33-44
CABLE CONN		
490-02356	4 CONN,JUMPER,.1X025,2FCG	

1300/S MEMORY OPTION #3 -- MONO & STEREO

Part No.	Qty/Description	Ref.
MEMORY IC		
350-02689	40 IC,DRAM,4164,64KX1,250NS	U9-28,U33-52
CABLE CONN		
490-02356	6 CONN,JUMPER,.1X025,2FCG	