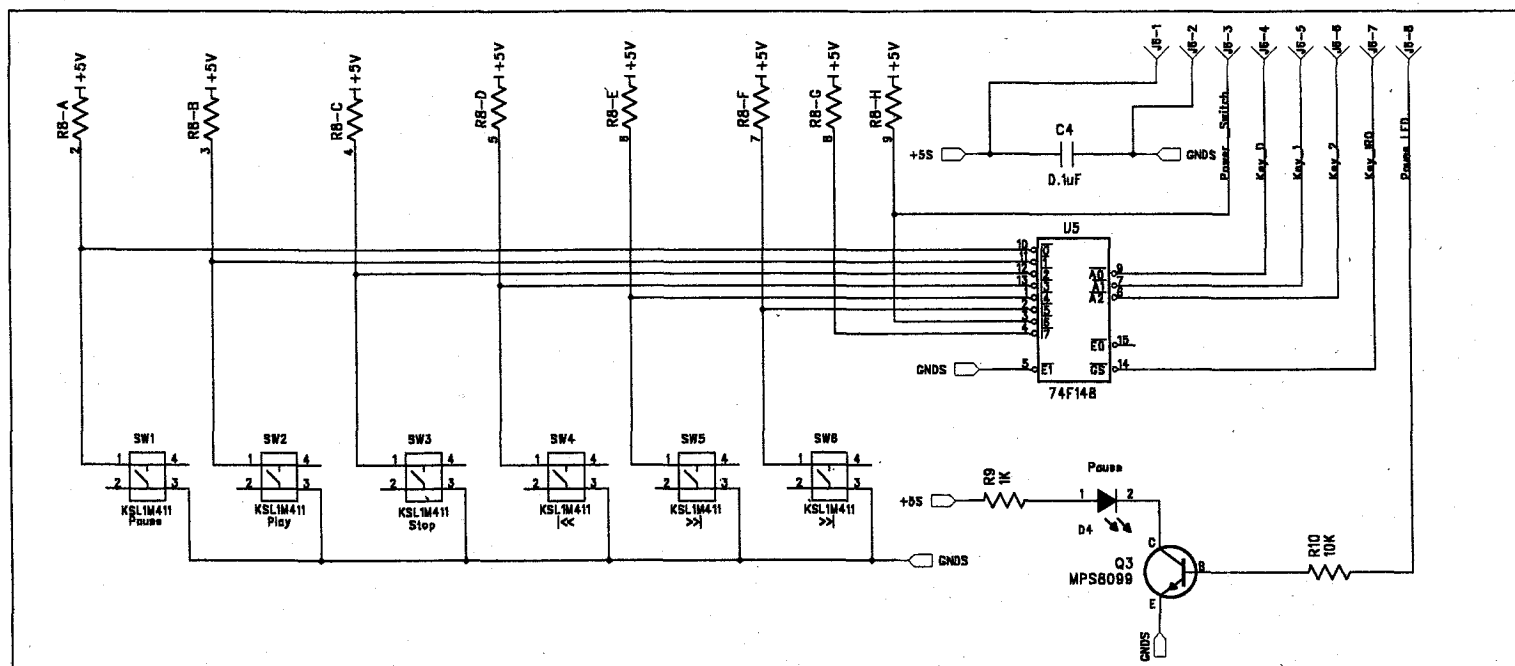
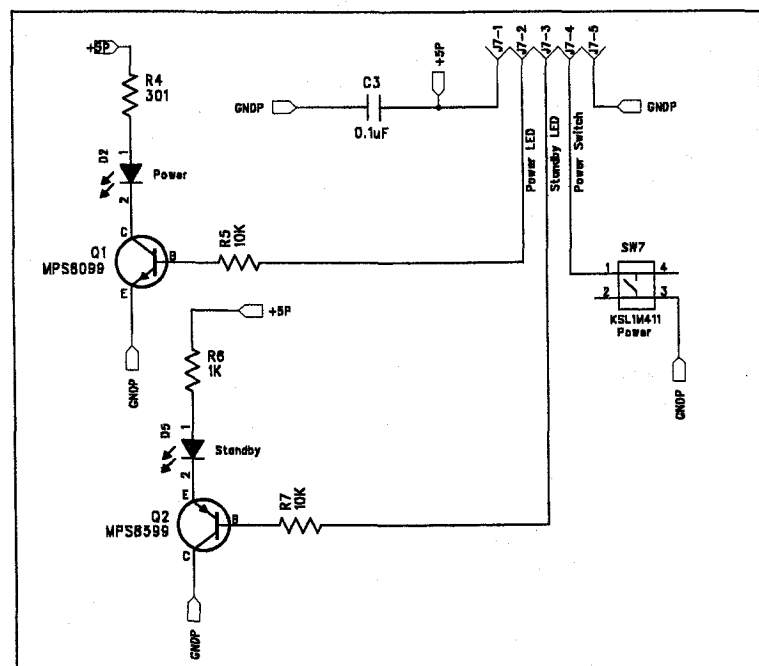
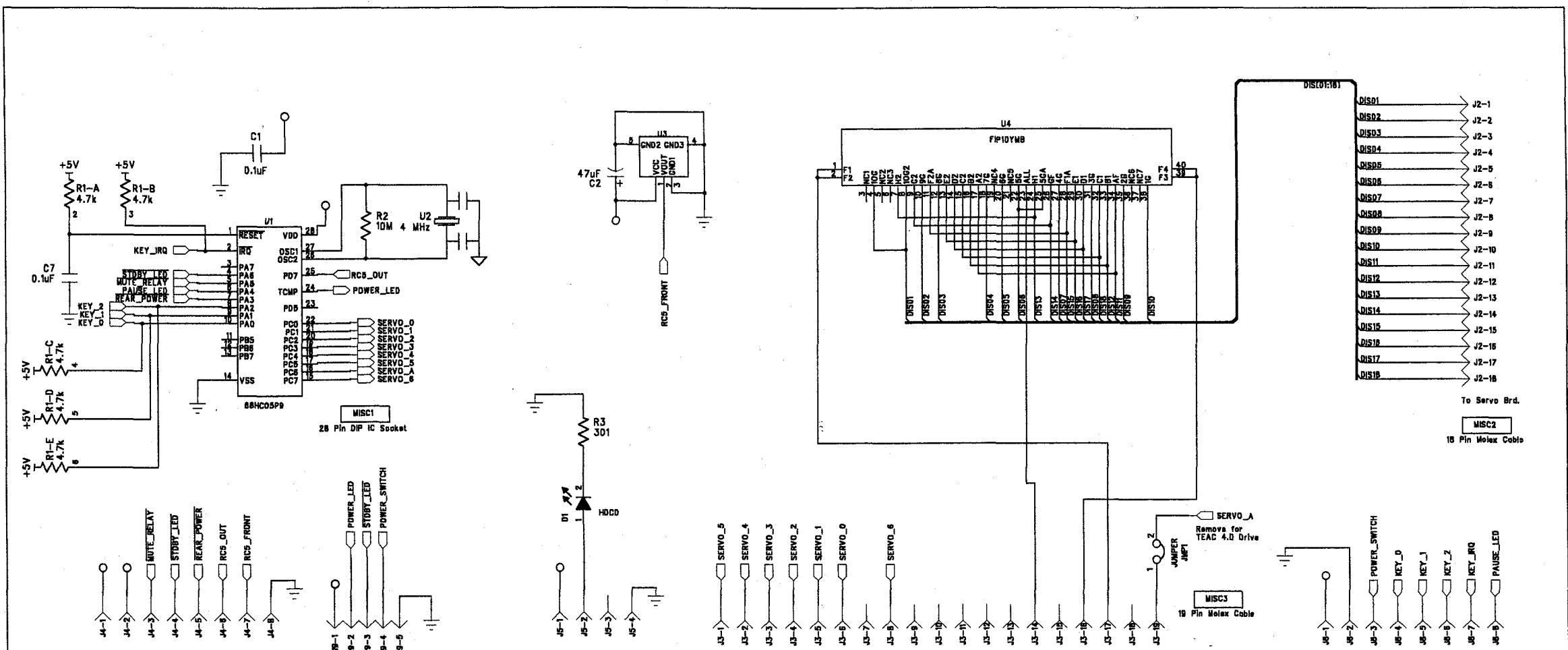




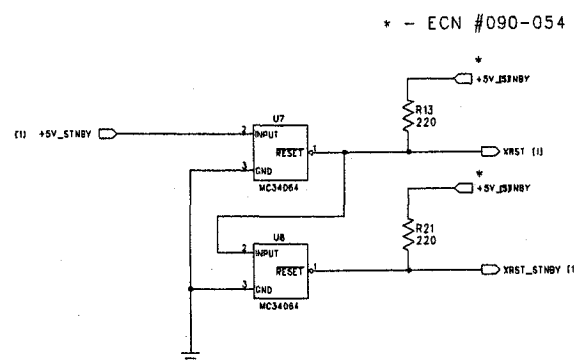
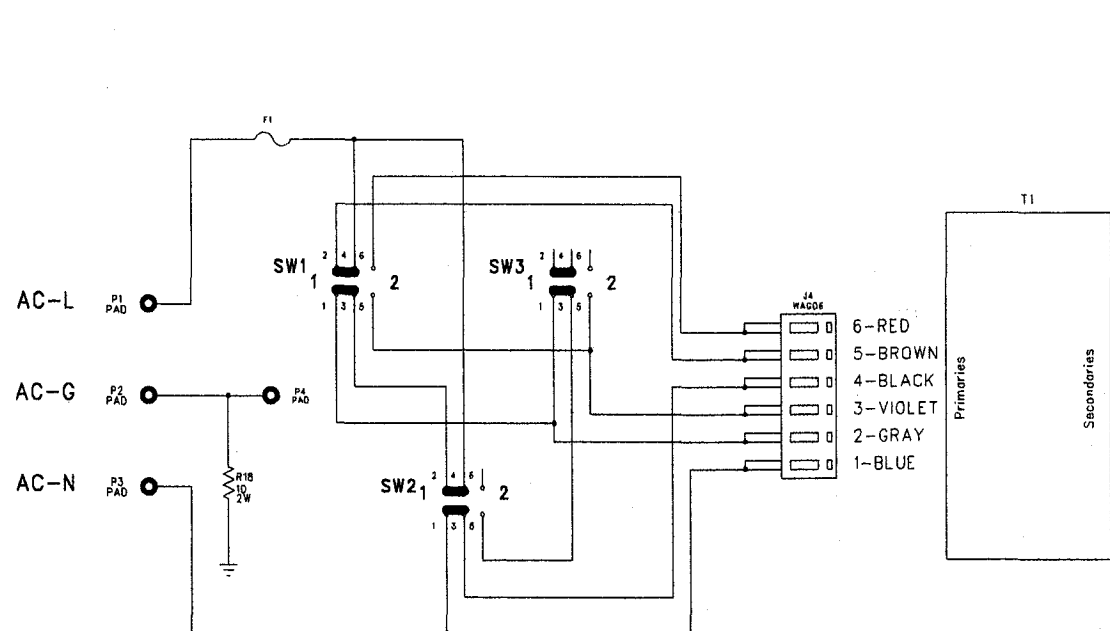
KAV-300cd Compact Disc Player Service Manual

Schematics and Bill of Materials

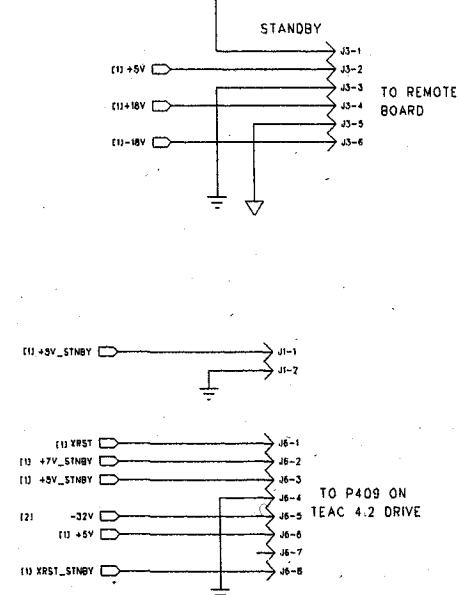
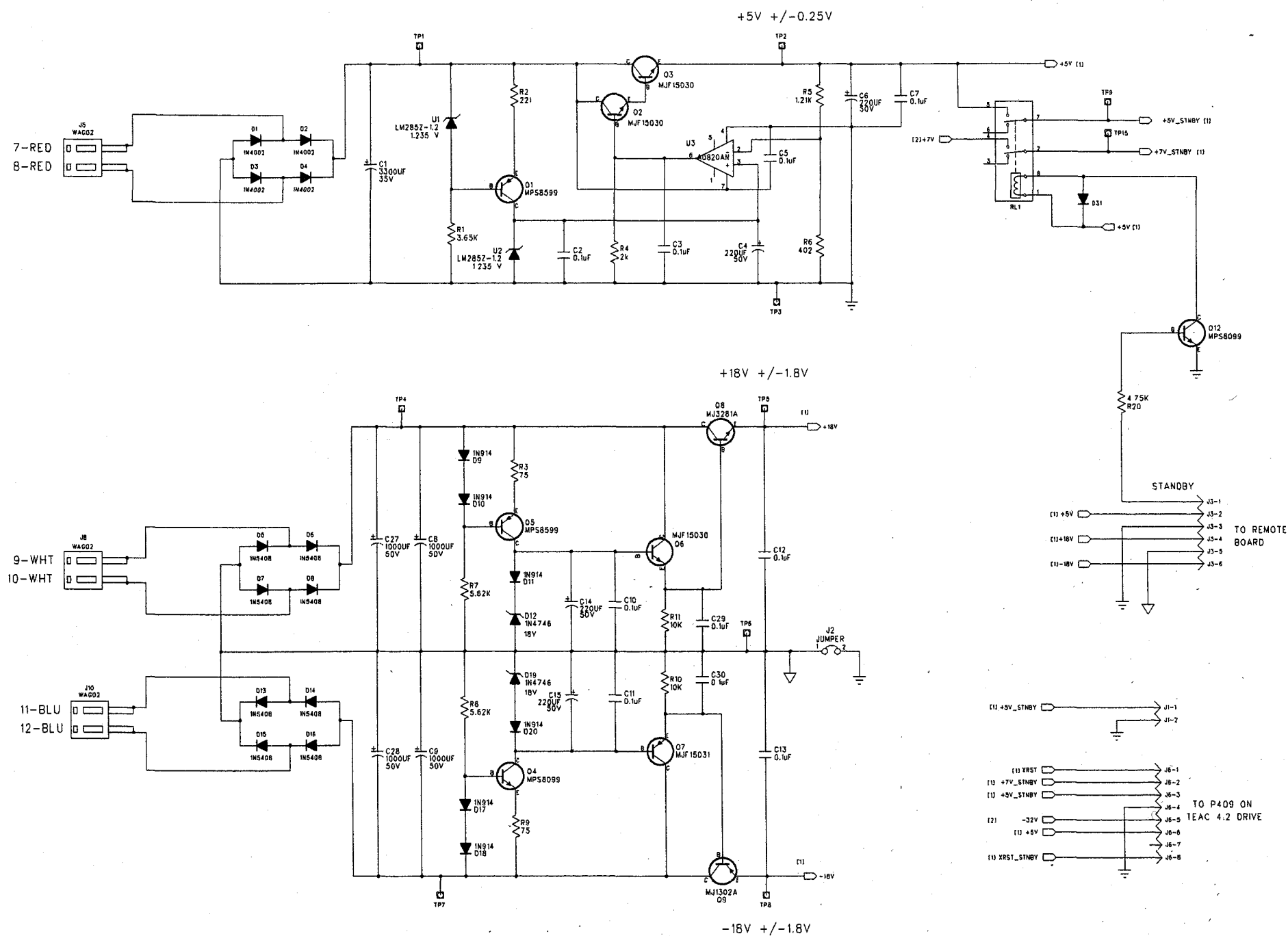


MISC4
Front Panel Circuit Board

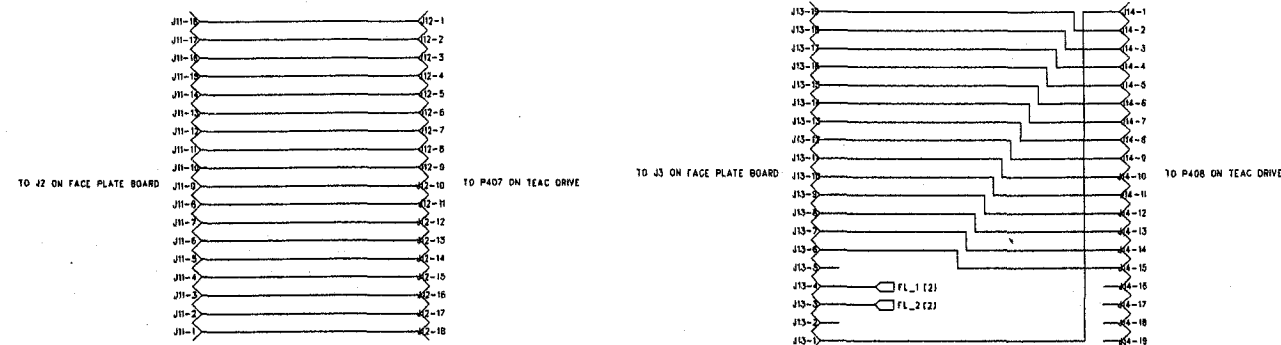
KRELL INDUSTRIES INC.		
TITLE: KAV 300CD FACEPLATE BOARD		
SIZE:	DRAWING NO: S90209	REV: 04
DATE: 8-31-99	SHEET: 1 OF 1	



	SW1	SW2	SW3
100 V	1	1	-
120 V	2	1	-
200 V	1	2	1
220 V	1	2	2
240 V	2	2	2

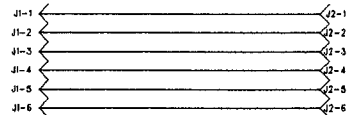


ECN #	DESCRIPTION	KRELL INDUSTRIES INC.	
090-043	CHANGED D21 FROM 1N4752A TO 1N4751A	KAV300CD POWER SUPPLY	
		DATE: 02/06/98	SHEET: 1 OF 2

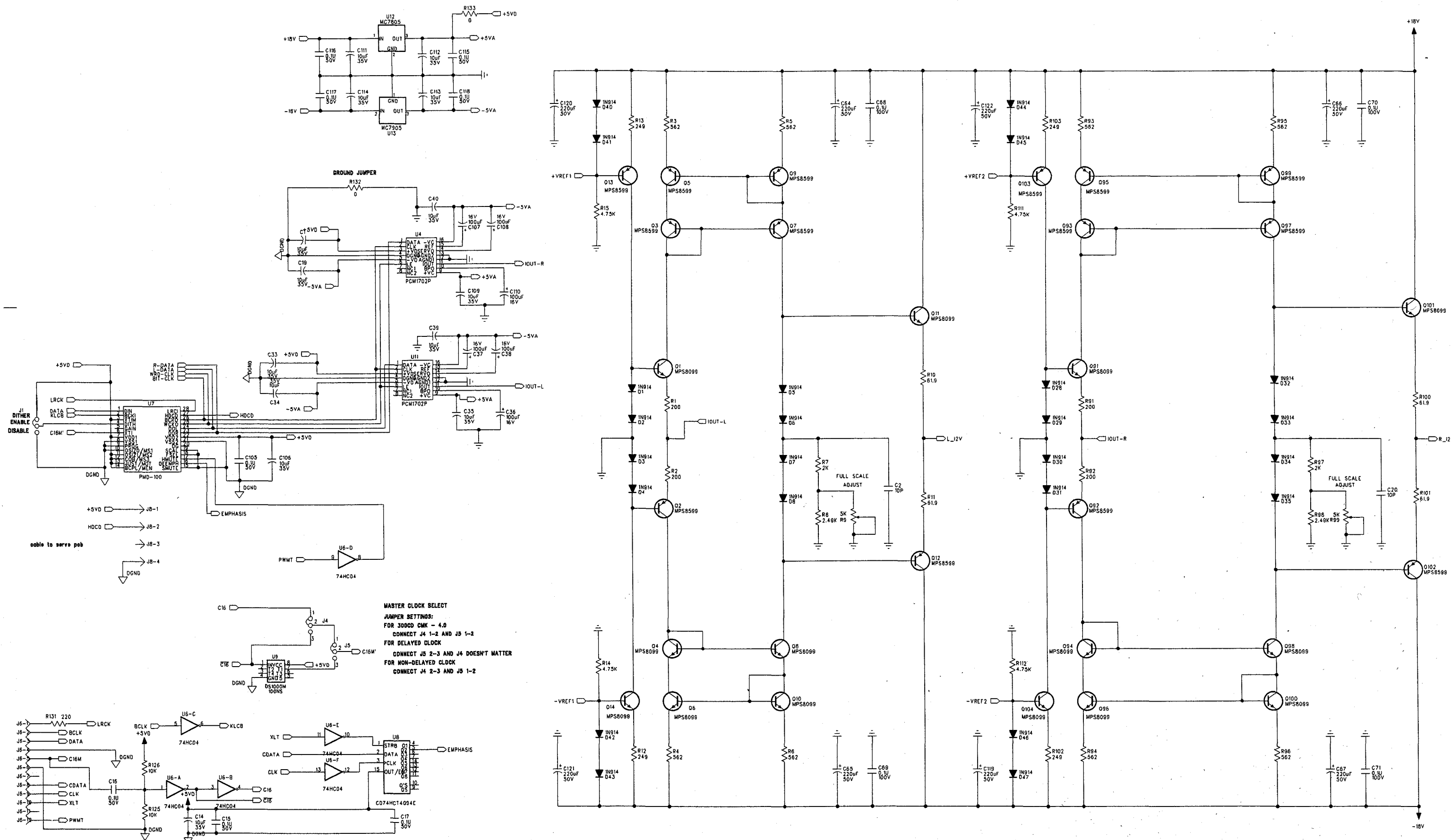


ECN #	DESCRIPTION	KRELL INDUSTRIES INC.		
090-043	CHANGED D21 FROM 1N4752A TO 1N4751A	KAV300CD POWER SUPPLY		
		DRAWN BY:	BOARD NO:	REV:
		AF	100-090-03	E
		DATE:	02/06/98	SHEET: 2 OF 2

REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:



DRAWN:		DATED:		COMPANY: KRELL INDUSTRIES INC.	
CHECKED:		DATED:		TITLE: KAV 300CD Adapter Board	
QUALITY CONTROL:		DATED:		DRAWN BY: AF	
RELEASED:		DATED:		DRAWING NO: 100-090-05	
				REV: A	
				SCALE: 1 OF 1	



KRELL INDUSTRIES, INC.
 45 Connair Road
 Orange, CT 06477 USA

KAV 300 CD I TO V

Drawing No. 100-090-01

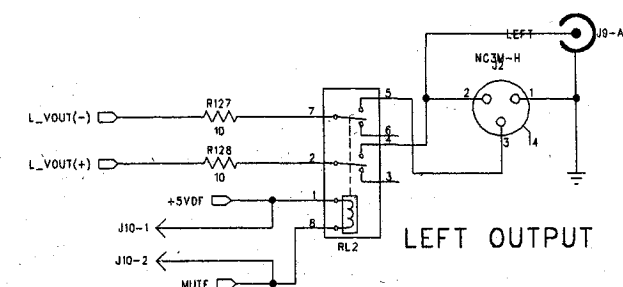
Rev.C

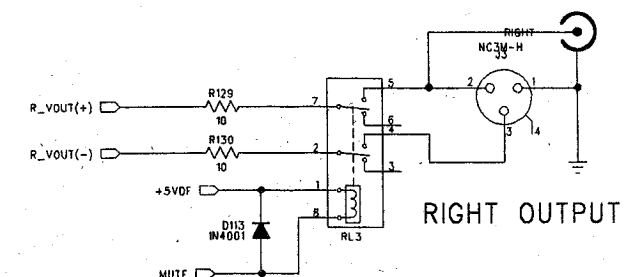
Page 1/4

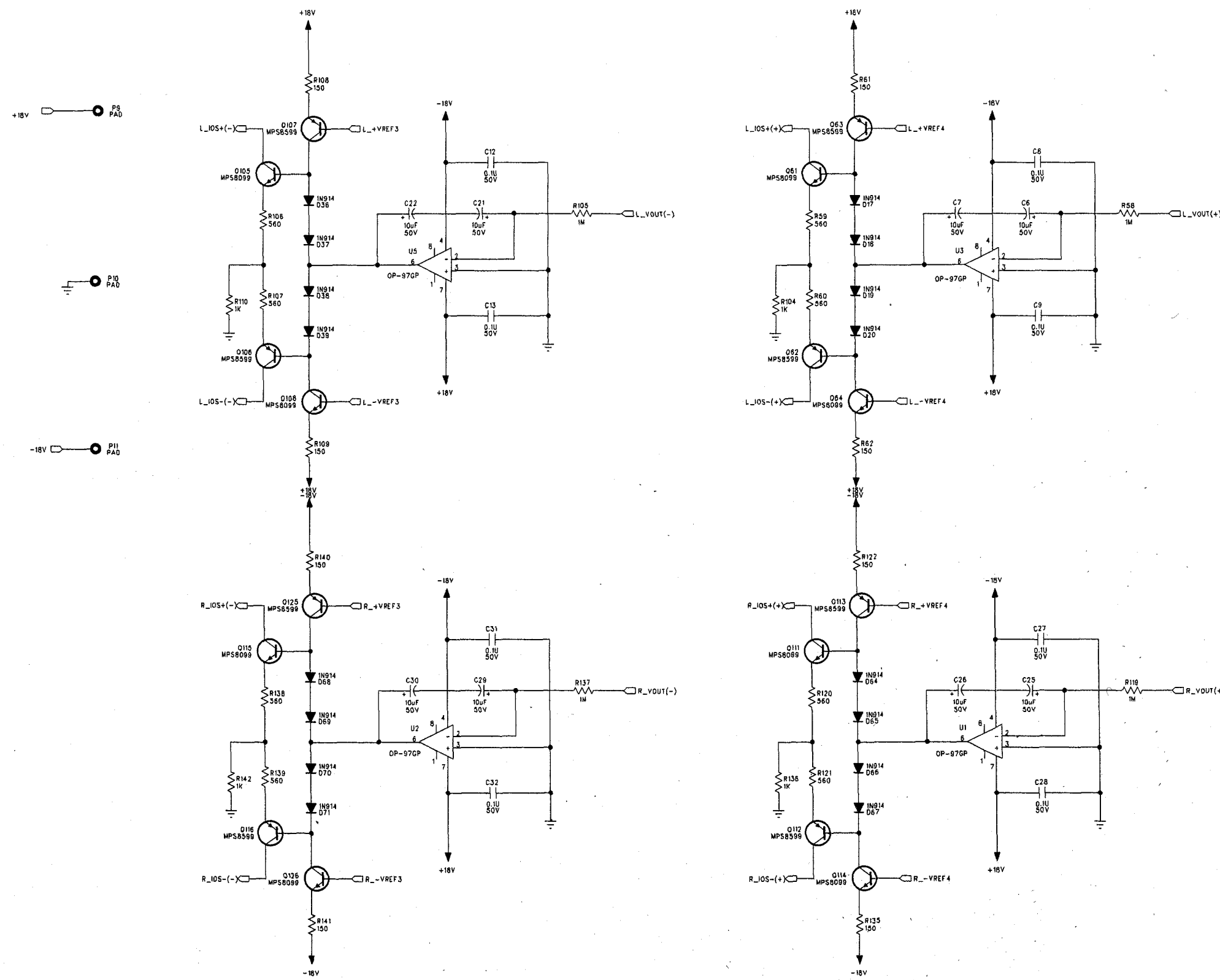
Drawn by SCF

Date: 08-20-98

Rev.	Description	Date	Rev.	Description	Date	Rev.	Description	Date	Rev.	Description	Date
B	R1,R2,R91,R92 to 200 to Reduce Noise	2/21/97	C	MODIFICATIONS FOR CMK4.2 DRIVE	8/13/97						
B	R3-R5,R93-R95 to 562 to Reduce Noise	2/21/97	C	ADD U8,J4,J5 TO CHANGE C16M TIMING	8/13/97						
B	R8, R98 to 2.49K to center I/V adjustment range	3/25/98	C	ADD R131 TO SLOW LRCK EDGE	8/13/97						
			C	ADD R132 FOR DGND-AGND, R133 FOR OPTIONAL +5VD	8/13/97						







Sub Assembly Part No	Sub Assembly Description	Component No	Component Description	Qty Per	Sub Assembly Level	Reference Designators
1990090	KAV-300cd	191090900300	KAV-CD FINAL ASSEMBLY	1	1	1
1990090	KAV-300cd	191090900400	KAV-300 CD SHIPPING	1	1	1
191090900300	KAV-CD FINAL ASSEMBLY	1851165044004	4-40 X 1/4 FH TORX	24	2	
191090900300	KAV-CD FINAL ASSEMBLY	1910130900101	KAV-300cd SIDE	2	2	
191090900300	KAV-CD FINAL ASSEMBLY	1910130900103	KAV-300cd TOP	1	2	
191090900300	KAV-CD FINAL ASSEMBLY	191090900200	KAV-CD CHASSIS	1	2	
191090900400	KAV-300 CD SHIPPING	D651125000300	FUSE 3AMP 250V	1	2	
191090900400	KAV-300 CD SHIPPING	1580055000044	REMOTE W/ RECIEVER	1	2	
191090900400	KAV-300 CD SHIPPING	1701110200790	2 METER 2 COND. 26AWG	1	2	
191090900400	KAV-300 CD SHIPPING	180101838007	AC LINE CORD	1	2	
191090900400	KAV-300 CD SHIPPING	194000000000	WARRANTY CARD ALL PROD	1	2	
191090900400	KAV-300 CD SHIPPING	194001300069	6 X 9 ZIP BAG	1	2	
191090900400	KAV-300 CD SHIPPING	194001699000	FRAGILE LABEL	2	2	
191090900400	KAV-300 CD SHIPPING	1940801310180	KAV300cd PRODUCT PAK	1	2	
191090900400	KAV-300 CD SHIPPING	1960101700090	KAV-300 CD OWNERS MANU	1	2	
1910130900101	KAV-300cd SIDE	1910000900101	KAV-300cd SIDE	1	2	
1910130900103	KAV-300cd TOP	1910000900103	KAV-300cd TOP	1	2	
191090900200	KAV-CD CHASSIS	1570090010005	CMK-4.2 TEAC TRANSPORT	1	2	
191090900200	KAV-CD CHASSIS	161404014007	4-40 X 1/4 SHCS	4	2	
191090900200	KAV-CD CHASSIS	161503056007	M3X6 SCS W/ PATCH	5	2	XLR CONN / SERVO BRD ON/OFFSWITCH
191090900200	KAV-CD CHASSIS	161803214013	6-32 X 1/4 PLSC	31	2	10 POWER/15 AUDIO 3 ADAPTER BD3 FOR PWR TO AUDIO O/P BRD
191090900200	KAV-CD CHASSIS	161803238013	6-32 X 3/8 PLSC	2	2	AC RECEIPT
191090900200	KAV-CD CHASSIS	162303258007	10-32 X 5/8 SHCS S.S.	4	2	FOR FEET
191090900200	KAV-CD CHASSIS	169903212007	6-32 X 1/2 SS HEX STND	7	2	REMOTE AND ADAPTER BRDS
191090900200	KAV-CD CHASSIS	169903258010	6/32 X 5/8 HEX S.O.	1	2	REMOTE BRD
191090900200	KAV-CD CHASSIS	1700610224160	2 PIN CONDUCTOR CABLE	1	2	J1 P/S 3D TO P552 DIGITAL BRD
191090900200	KAV-CD CHASSIS	1700611224160	12 PIN DIGITAL CABLE	1	2	4.2 TRANSPORT (P410) TO AUDIOO/P BRD.
191090900200	KAV-CD CHASSIS	1700616001000	8 PIN CABLE	1	2	P409 4.2 TRANSPORT TO J6 P/SBRD
191090900200	KAV-CD CHASSIS	1700620800142	RIBBON CABLE	1	2	J2 OF REMOTE BRD TO J4 OF F/P
191090900200	KAV-CD CHASSIS	1700711800129	1MM 18 PIN FLEX RIBBON	1	2	P407 4.2 TRANSPORT TO J12 P/S BRD
191090900200	KAV-CD CHASSIS	1700711900129	1MM 19 PIN FLEX RIBBON	1	2	P408 4.2 TRANSPORT TO J14 P/SBRD
191090900200	KAV-CD CHASSIS	1700718100129	1.25 MM 18 PIN FLEX	1	2	J2 F/P TO J11 P/S BRD
191090900200	KAV-CD CHASSIS	1700719100129	1.25 MM 19 PIN FLEX	1	2	J3 F/P BRD TO J13 P/S BRD
191090900200	KAV-CD CHASSIS	180100050002	WIRE GUIDE #2	2	2	TOP OF TEAC TRANSPORT
191090900200	KAV-CD CHASSIS	181090900100	KAV-CD OUTPUT BRD CV	1	2	
191090900200	KAV-CD CHASSIS	181090900400	KAV-300cd P/S C.V	1	2	
191090900200	KAV-CD CHASSIS	181090900500	KAV-300 CD 12 V REM CV	1	2	
191090900200	KAV-CD CHASSIS	181090900600	ADAPTOR BRD S/A	1	2	
191090900200	KAV-CD CHASSIS	1850111044003	SHCS 4-40 X 3/16 PCH	4	2	TOP OF TEAC TRANSPORT
191090900200	KAV-CD CHASSIS	1850254041208	4X1/2 SELF TAPPING	2	2	1 FOR RCA CONN 1 FOR TOSH LINK
191090900200	KAV-CD CHASSIS	1860214400000	4-40 S.S KEPNUT	1	2	TRIMPLATE
191090900200	KAV-CD CHASSIS	1860310632000	6-32 SM PATT SS KEPNUT	2	2	AC RECEIPT
191090900200	KAV-CD CHASSIS	1860510125000	#4 S.S.FLAT WASHER	4	2	TRANSPORT BOTTOM
191090900200	KAV-CD CHASSIS	187021440163	4-40-1-5/16 ROUND STD	4	2	BOTTOM OF TEAC TRANSPORT
191090900200	KAV-CD CHASSIS	1871716320160	6-32X1 3/16 HEX	21	2	AUDIO O/P AND P/S BRDS
191090900200	KAV-CD CHASSIS	1871884406007	CHFA-440-6 PEM	1	2	TRIMPLATE
191090900200	KAV-CD CHASSIS	1880701686131	LG. BLACK RUBBER FEET	4	2	BOTTOM OF CHASSIS
191090900200	KAV-CD CHASSIS	190108045000	SMALL TY-WRAPS	2	2	
191090900200	KAV-CD CHASSIS	1910130900102	KAV-300cd CHASSIS	1	2	
191090900200	KAV-CD CHASSIS	1910130900104	KAV-300cd REAR	1	2	
191090900200	KAV-CD CHASSIS	191090900100	KAV-cd F/P S/A	1	2	
191090900200	KAV-CD CHASSIS	1920330900140	K-300cd TRIM PLATE	1	2	
181090900100	KAV-CD OUTPUT BRD CV	D690722099900	22 AWG BUSS WIRE	2	3	J1 CONNECTS 2&3J5 PINS 2-3
181090900100	KAV-CD OUTPUT BRD CV	D750100831100	IC SOCKET 8 PIN 300 ML	1	3	U9
181090900100	KAV-CD OUTPUT BRD CV	D750101631100	IC SOCKET 16 PIN 300ML	2	3	U4,11
181090900100	KAV-CD OUTPUT BRD CV	I10000090001	KAV-CD OUTPUT BRD	1	3	
181090900100	KAV-CD OUTPUT BRD CV	I114000011025	1K 1/4 W	8	3	R43,73,104,110,136,142,248,273
181090900100	KAV-CD OUTPUT BRD CV	I114000021025	2 K 1/4 W	6	3	R7,47,77,97,252,277
181090900100	KAV-CD OUTPUT BRD CV	I114001031025	10K OHM 1/4 WATT	2	3	R125,126
181090900100	KAV-CD OUTPUT BRD CV	I114002490025	2.49K 1/4 W	2	3	R8,98
181090900100	KAV-CD OUTPUT BRD CV	I114010001025	100 OHM 1/4 W	40	3	R16,18,33-34,39-42,44-45,63-6469-72,74-75,89-90,123-124222-223,238-239,244-247,249-250,263-264,269-272,274-275
181090900100	KAV-CD OUTPUT BRD CV	I114010041025	1 MEG 1/4 W 1 PERC	4	3	R58,105,119,137

Sub Assembly Part No	Sub Assembly Description	Component No	Component Description	Qty Per	Sub Assembly Level	Reference Designators
181090900100	KAV-CD OUTPUT BRD CV	I114011301025	113 OHM 1/4 W	8	3	R46,76,219-220,251,276,297-298
181090900100	KAV-CD OUTPUT BRD CV	I114015001025	150 OHM 1/4 W 1 PERC	24	3	R19-20,37-38,61-62,67-68,108-109,117-118,122,135,140-141,224-225,242-243,267-268,293-294
181090900100	KAV-CD OUTPUT BRD CV	I114015801025	1.58K 1/4 W	6	3	R23,32,57,228,237,262
181090900100	KAV-CD OUTPUT BRD CV	I114018201025	1.82K 1/4 W	2	3	R17,221
181090900100	KAV-CD OUTPUT BRD CV	I114020001025	200 OHM 1/4 W	22	3	R24-25,28-31,87-88,131,229-230233-236,287-288R1,2,91,92
181090900100	KAV-CD OUTPUT BRD CV	I114024901025	249 OHM 1/4 W	4	3	R12-13,102-103
181090900100	KAV-CD OUTPUT BRD CV	I114033201025	332 OHM 1/4 W	4	3	R48,78,253,278
181090900100	KAV-CD OUTPUT BRD CV	I114047501025	4.75K 1/4 W	12	3	R14-15,111-116,289-292,
181090900100	KAV-CD OUTPUT BRD CV	I114056201025	562 OHM 1/4 W	16	3	R59-60,106-107,120-121,138-139R3-6,93-96
181090900100	KAV-CD OUTPUT BRD CV	I114061901025	61.9 OHM 1/4 W	52	3	R10-11,21-22,26-27,35-36,49-5665-66,79-86,100-101,226-227231-232,240-241,254-261,265-266,279-286
181090900100	KAV-CD OUTPUT BRD CV	I21000000010	0 OHM RESISTOR	1	3	R132
181090900100	KAV-CD OUTPUT BRD CV	I21100100011	10 OHM CMF-60-70 DALE	4	3	R127-130
181090900100	KAV-CD OUTPUT BRD CV	I212201063505	10 UF 35V TANTALUM	14	3	C1,14,19,33-35,39-40,106,109111-114
181090900100	KAV-CD OUTPUT BRD CV	I213201015017	10 UF/50 V	8	3	C6-7,21-22,25-26,29-30
181090900100	KAV-CD OUTPUT BRD CV	I213201071600	E CAP RL 100UF/16V	6	3	C36,37,38,107-108,110
181090900100	KAV-CD OUTPUT BRD CV	I213202275004	220 UF @ 50V RADIAL	28	3	C48-57,64-67,79-88,119-122
181090900100	KAV-CD OUTPUT BRD CV	I217101045005	.1 UF 50V CERAMIC	16	3	C8-9,12-13,15-17,27-28,31-32105,115-118
181090900100	KAV-CD OUTPUT BRD CV	I251014001000	IN4001 DIODE	1	3	D113
181090900100	KAV-CD OUTPUT BRD CV	I29300005004	5K TOP ADJ TRIMPOT	2	3	R9,99
181090900100	KAV-CD OUTPUT BRD CV	I30000105000	10 PF 500V S.MICA CAP	2	3	C2,20
181090900100	KAV-CD OUTPUT BRD CV	I30000470000	470 PF 500V S.MICA CAP	6	3	C3-4,10,72-73,75
181090900100	KAV-CD OUTPUT BRD CV	I30100011000	.1 UF @ 100V RAD.CAP.	16	3	C58-63,68-71,89-94
181090900100	KAV-CD OUTPUT BRD CV	I411037404010	74HC04 IC	1	3	U6
181090900100	KAV-CD OUTPUT BRD CV	I411044094010	8 BIT SHIFT REGISTER	1	3	U8
181090900100	KAV-CD OUTPUT BRD CV	I421500973080	OP97 FP	4	3	U1-3,5
181090900100	KAV-CD OUTPUT BRD CV	I48600080099	MPS 8099 RLRA	94	3	Q1,4,6,8,10-11,14,16-17,20,22-23,26,28,30,32,34,36,38-39,42,44,46,48,50,52-3,55,57,59,61,64,66-7,70,72,74,76,78,80-1,86-88,91,94,96,98,100-01,104-05108,110-11,114-15,126,200-01204,206-07,211,213-14,216,218220,222
181090900100	KAV-CD OUTPUT BRD CV	I48600085099	MPS 8599 RLRA	94	3	Q2-3,5,7,9,12-13,15,18-19,2124-25,27,29,31,33,35,37,40-4143,45,47,49,51,54,56,58,60,62-63,65,68-69,71,73,75,77,79,82-85,92-93,95,97,99,102-103,106-107,109,112-113,116,125,199,202-203,205,208-210,212,215,217,219,2
181090900100	KAV-CD OUTPUT BRD CV	I48700914000	1N 914 DIODE	80	3	D1-24,28-47,56-71,92-111
181090900100	KAV-CD OUTPUT BRD CV	I530100201020	OMRON RELAY	2	3	RL2-3
181090900100	KAV-CD OUTPUT BRD CV	I680100001126	12 PIN CONNECTORS	1	3	J6 ON COMPONENT SIDE OF BRD.
181090900100	KAV-CD OUTPUT BRD CV	I710191003302	NC3MKH CONNECTOR	2	3	J2-3
181090900100	KAV-CD OUTPUT BRD CV	I7103020033016	DUAL RCA JACK	1	3	J9
181090900100	KAV-CD OUTPUT BRD CV	I7300111022320	TSW-102-09-T-S	1	3	J10
181090900100	KAV-CD OUTPUT BRD CV	I730110040020	4 PIN SING.ROW HEADER	1	3	J8
181090900100	KAV-CD OUTPUT BRD CV	I750102861100	28 PIN DIP SOCKET	1	3	U7
181090900100	KAV-CD OUTPUT BRD CV	I80403122050	SILVER MICA SPACER	8	3	
181090900100	KAV-CD OUTPUT BRD CV	I81090900101	KAV-CD OUTPUT W.I	1	3	
181090900400	KAV-300cd P/S C.V	I100009000030	KAV-300 CD PWR SUPPLY	1	3	
181090900400	KAV-300cd P/S C.V	I21100100011	10 OHM CMF-60-70 DALE	1	3	R22
181090900400	KAV-300cd P/S C.V	I21100750011	75 OHM CMF60-70	2	3	R3,9
181090900400	KAV-300cd P/S C.V	I21200221012	221 OHM CMF60-70	4	3	R2,12-13,21
181090900400	KAV-300cd P/S C.V	I21200402012	402 OHM CMF60-70	1	3	R6
181090900400	KAV-300cd P/S C.V	I21200432012	432 OHM CMF60-70	1	3	R15
181090900400	KAV-300cd P/S C.V	I21300121013	1.21K OHM CMF 60-70	2	3	R5,17
181090900400	KAV-300cd P/S C.V	I21300200013	2K OHM CMF60-70	3	3	R4,14,16
181090900400	KAV-300cd P/S C.V	I21300365013	3.65K OHM CMF60-70	2	3	R1,19
181090900400	KAV-300cd P/S C.V	I21300475013	4.75K OHM CMF60-70	1	3	R20
181090900400	KAV-300cd P/S C.V	I21300562013	5.62K OHM CMF60-70	2	3	R7-8
181090900400	KAV-300cd P/S C.V	I213201085000	E CAP RL 100UF/50V	4	3	C8-9,27-28
181090900400	KAV-300cd P/S C.V	I213202275004	220 UF @ 50V RADIAL	7	3	C4,6,14-15,17-18,20
181090900400	KAV-300cd P/S C.V	I213203383500	3300 UF 35V CAP	2	3	C1,16
181090900400	KAV-300cd P/S C.V	I213204715017	47UF 63V NICHICON	3	3	C19,23-24
181090900400	KAV-300cd P/S C.V	I21400100014	10K OHM CMF60-70	2	3	R10-11
181090900400	KAV-300cd P/S C.V	I217101045005	.1 UF 50V CERAMIC	14	3	C2-3,5,7,10-13,21-22,25-2629-30
181090900400	KAV-300cd P/S C.V	I23100010002	10 OHM 2W 5 PERC	1	3	R18
181090900400	KAV-300cd P/S C.V	I251014001000	IN4001 DIODE	1	3	D31
181090900400	KAV-300cd P/S C.V	I251014002000	IN 4002 DIODE	12	3	D1-4,23-30
181090900400	KAV-300cd P/S C.V	I259014751032	IN4751 A DIODE	1	3	D21
181090900400	KAV-300cd P/S C.V	I420408200200	OP AMP AD820AN	2	3	U3,6
181090900400	KAV-300cd P/S C.V	I421940640010	UNDERVLTG.SENSING CIR.	2	3	U7-8 INSTALL ON BOTTOM SIDE OF BRD REFER TO FIGURE 2FOR ASSEMBLY DETAILS ECN# 090040
181090900400	KAV-300cd P/S C.V	I48500150030	MJF15030 XSTR	1	3	Q6
181090900400	KAV-300cd P/S C.V	I48500150031	MJF 15031 XSTR	2	3	Q7,15
181090900400	KAV-300cd P/S C.V	I48600080099	MPS 8099 RLRA	2	3	Q4,12
181090900400	KAV-300cd P/S C.V	I48600085099	MPS 8599 RLRA	3	3	Q1,5,10
181090900400	KAV-300cd P/S C.V	I48600285000	VOLT.REF.XSTR	4	3	U1-2,4-5
181090900400	KAV-300cd P/S C.V	I48700914000	1N 914 DIODE	6	3	D9-11,17-18,20
181090900400	KAV-300cd P/S C.V	I48704735000	IN4735C DIODE	1	3	D32

Sub Assembly Part No	Sub Assembly Description	Component No	Component Description	Qty Per	Sub Assembly Level	Reference Designators
I81090900400	KAV-300cd P/S C.V	I48704746018	1N 4746D DIODE 1 PERC	2	3	D12,19
I81090900400	KAV-300cd P/S C.V	I48705408000	1N 5408 DIODE	8	3	D5-8,13-16
I81090900400	KAV-300cd P/S C.V	I510201502010	SMALL C&K SLIDE SWITCH	3	3	SW1-3
I81090900400	KAV-300cd P/S C.V	I51500345000	BRD MOUNT FUSE CARRIER	1	3	F1
I81090900400	KAV-300cd P/S C.V	I530100101010	LARGE 5VDC RELAY A-Z	1	3	
I81090900400	KAV-300cd P/S C.V	I53700519000	TEST POINT	14	3	TP1-13,15
I81090900400	KAV-300cd P/S C.V	I680100600206	2 PIN MALE JST CONN	1	3	J1
I81090900400	KAV-300cd P/S C.V	I680100601806	8 PIN MALE CONN	1	3	J6
I81090900400	KAV-300cd P/S C.V	I680100609185	18 PIN CONN NON-ZIF	1	3	J12
I81090900400	KAV-300cd P/S C.V	I680100609195	19 PIN CONN NON-ZIF	1	3	J14
I81090900400	KAV-300cd P/S C.V	I680100690185	18 PIN CONN 1.25MM	1	3	J11
I81090900400	KAV-300cd P/S C.V	I680100690195	19 PIN CONN 1.25MM	1	3	J13
I81090900400	KAV-300cd P/S C.V	I680200401021	WAGO X2 W/ENDCAP	5	3	J5,7-8,10,15
I81090900400	KAV-300cd P/S C.V	I680200401031	WAGO X3 W/ENDCAP	1	3	
I81090900400	KAV-300cd P/S C.V	I680200401061	6 POS WAGO W/ ENDCAP	1	3	J4
I81090900400	KAV-300cd P/S C.V	I81090900401	KAV-300 CD PWR/S W.I.	1	3	
I81090900500	KAV-300 CD 12 V REM CV	I100009000006	KAV-300 CD REMOTE BRD	1	3	
I81090900500	KAV-300 CD 12 V REM CV	I114000011025	1K 1/4 W	1	3	R11
I81090900500	KAV-300 CD 12 V REM CV	I114000021025	2 K 1/4 W	1	3	R12
I81090900500	KAV-300 CD 12 V REM CV	I114047501025	4.75K 1/4 W	1	3	R13
I81090900500	KAV-300 CD 12 V REM CV	I48600080099	MPS 8099 RLRA	1	3	Q13
I81090900500	KAV-300 CD 12 V REM CV	I49000017002	CNY17-2 OPTO ISOLATOR	1	3	U1
I81090900500	KAV-300 CD 12 V REM CV	I681700010082	8 PIN SING.ROW HEADER	1	3	J2
I81090900500	KAV-300 CD 12 V REM CV	I711020003021	PCB MOUNT POWER JACK	1	3	
I81090900500	KAV-300 CD 12 V REM CV	I712020033050	3.5MM MONO JACK	1	3	J5 EXTERNAL ON/OFF
I81090900500	KAV-300 CD 12 V REM CV	I750500210020	2 POSITION SOCKET	1	3	J3
I81090900500	KAV-300 CD 12 V REM CV	I750500213020	6 PIN SOCKET R/A	1	3	J7
I81090900600	ADAPTOR BRD S/A	I100009000005	KAV-300 CD ADAPTER BRD	1	3	
I81090900600	ADAPTOR BRD S/A	I73022081820	6 PIN HEADER R/A	1	3	
I81090900600	ADAPTOR BRD S/A	I750500610120	6 PIN SOCKET SAMTEC	1	3	
I910130900102	KAV-300cd CHASSIS	I910000900102	KAV-300cd CHASSIS	1	3	
I910130900104	KAV-300cd REAR	I910000900104	KAV-300cd REAR	1	3	
I91090900100	KAV-cd F/P S/A	I61803214013	6-32 X 1/4 PLSC	4	3	PC BRD
I91090900100	KAV-cd F/P S/A	I76101200001	KRC-3 WINDOW	1	3	
I91090900100	KAV-cd F/P S/A	I78702400001	KAV-300i BUTTON	7	3	
I91090900100	KAV-cd F/P S/A	I81090900300	KAV-CD FACEPLATE CV	1	3	
I91090900100	KAV-cd F/P S/A	I840206321230	BSOS 632-24 PEM STUD	4	3	
I91090900100	KAV-cd F/P S/A	I840904400230	CLS-440-2 PEM NUT	6	3	
I91090900100	KAV-cd F/P S/A	I850111044003	SHCS 4-40 X 3/16 PCH	16	3	BRD TO BRACKET/END CAPS
I91090900100	KAV-cd F/P S/A	I851165044004	4-40 X 1/4 FH TORX	10	3	FOR BRACKETS
I91090900100	KAV-cd F/P S/A	I880690621641	#621 BRACKET	10	3	
I91090900100	KAV-cd F/P S/A	I920000900130	KAV-300cd DISPLAY	1	3	
I91090900100	KAV-cd F/P S/A	I920000900147	KAV-300cd END CAP	2	3	
I91090900100	KAV-cd F/P S/A	I920540900105	KAV-1cd FRONT	1	3	
I920330900140	K-300cd TRIM PLATE	I920000900140	KAV-300cd TRIM PLATE	1	3	
I81090900101	KAV-CD OUTPUT W.I	I310107905012	7905CT VOLTREG	1	4	U13
I81090900101	KAV-CD OUTPUT W.I	I310207805022	3 TERM.+FIXED 5V REG.	1	4	U12
I81090900101	KAV-CD OUTPUT W.I	I411041000010	DS1000M-100	1	4	U9
I81090900101	KAV-CD OUTPUT W.I	I420617020670	PCM1702P-K	2	4	U4,11
I81090900101	KAV-CD OUTPUT W.I	I422601000060	HDOD FILTER PMD100	1	4	U7
I81090900101	KAV-CD OUTPUT W.I	I61404014007	4-40 X 1/4 SHCS	2	4	
I81090900101	KAV-CD OUTPUT W.I	I69903258009	6-32 X 5/8 HEX STNDOFF	3	4	
I81090900101	KAV-CD OUTPUT W.I	I700620500042	4" RIBBON CABLE	1	4	FOR J8 MUTE TO FRONT PANEL
I81090900101	KAV-CD OUTPUT W.I	I841404400012	KF2-440-ET PC PEM NUT	2	4	
I81090900101	KAV-CD OUTPUT W.I	I85005073053	SMALL BLACK HEATSINK	2	4	
I81090900401	KAV-300 CD PWR/S W.I.	I310301302151	SJ7158	1	4	Q9
I81090900401	KAV-300 CD PWR/S W.I.	I310303281151	SJ7157	1	4	Q8
I81090900401	KAV-300 CD PWR/S W.I.	I48500150030	MJF15030 XSTR	4	4	Q2-3,11,14
I81090900401	KAV-300 CD PWR/S W.I.	I51500001025	1 1/4 AMP FUSE-SLO-BLO	1	4	F1 USA
I81090900401	KAV-300 CD PWR/S W.I.	I611033700130	61 VA-337 S SERIES XFM	1	4	

Sub Assembly Part No	Sub Assembly Description	Component No	Component Description	Qty Per	Sub Assembly Level	Reference Designators
181090900401	KAV-300 CD PWR/S W.I.	I61404012002	4/40 X 1/2 PHMS	2	4	
181090900401	KAV-300 CD PWR/S W.I.	I62003214014	8-32 X 1/4 BUTTON S.H.	2	4	
181090900401	KAV-300 CD PWR/S W.I.	I651325000511	MDA-1/2 FUSE	1	4	F1 EUROPE
181090900401	KAV-300 CD PWR/S W.I.	I69706321000	KFH-632-10 PEM	4	4	2 FOR Q8 & 2 FOR Q9
181090900401	KAV-300 CD PWR/S W.I.	I700616001000	8 PIN CABLE	1	4	J6 P.S. BRD/P409 TEAC 4.2 DR
181090900401	KAV-300 CD PWR/S W.I.	I710720033040	FILTER WIRE LEAD	1	4	BLUE WIRE SOLDER TO N.GREEN/ YELLOW WIRE SOLDER TO G& BROWN WIRE TO L
181090900401	KAV-300 CD PWR/S W.I.	I730130062420	6 PIN HEADER	1	4	J3 MOUNTED TO BOTTOM OF PC BRD
181090900401	KAV-300 CD PWR/S W.I.	I770203030210	TO-3 1.25" HEATSINK	2	4	Q8,9
181090900401	KAV-300 CD PWR/S W.I.	I80401000024	SIL-PAD (#PP1000-24)	4	4	
181090900401	KAV-300 CD PWR/S W.I.	I80401107006	1/8X3/16 NYLON SPACER	8	4	Q8 & Q9
181090900401	KAV-300 CD PWR/S W.I.	I841408320010	KF2-832 PCMT PEM NUT	2	4	P12,13
181090900401	KAV-300 CD PWR/S W.I.	I85000000006	SM.BLACK HEATSINK WIDE	2	4	
181090900401	KAV-300 CD PWR/S W.I.	I850113103202	10-32 X 2 SHCS	1	4	
181090900401	KAV-300 CD PWR/S W.I.	I860214400000	4-40 S.S KEPNUT	2	4	Q2-3,11,14
181090900401	KAV-300 CD PWR/S W.I.	I860310632000	6-32 SM PATT SS KEPNUT	4	4	Q8,9
181090900401	KAV-300 CD PWR/S W.I.	I861111032006	10-32 SS LOCKNUT	1	4	
181090900300	KAV-CD FACEPLATE CV	I100000900003	KAV-CD FACEPLATE BRD	1	4	
181090900300	KAV-CD FACEPLATE CV	I113010053025	10 MEG 1/4 WATT 5 PERC	1	4	R2
181090900300	KAV-CD FACEPLATE CV	I132004721008	4.7K RES PACK 8 PIN	1	4	R1
181090900300	KAV-CD FACEPLATE CV	I132004721010	4.7K RES PACK 10 PIN	1	4	R8
181090900300	KAV-CD FACEPLATE CV	I21200301012	301 OHM CMF 60-70	2	4	R3-4
181090900300	KAV-CD FACEPLATE CV	I21300100013	1K OHM CMF60-70	2	4	R6,9
181090900300	KAV-CD FACEPLATE CV	I213204715017	47UF 63V NICHICON	1	4	C2
181090900300	KAV-CD FACEPLATE CV	I21400100014	10K OHM CMF60-70	3	4	R5,7,10
181090900300	KAV-CD FACEPLATE CV	I217101045005	.1 UF 50V CERAMIC	4	4	C1,3-4,7
181090900300	KAV-CD FACEPLATE CV	I411060148010	8-3 PRIORITY ENCODER	1	4	U5
181090900300	KAV-CD FACEPLATE CV	I473400004000	4.0 MKS RESONATOR	1	4	U2
181090900300	KAV-CD FACEPLATE CV	I48600080099	MPS 8099 RLRA	2	4	Q1,3
181090900300	KAV-CD FACEPLATE CV	I48600085099	MPS 8599 RLRA	1	4	Q2
181090900300	KAV-CD FACEPLATE CV	I510301102042	F/PLATE SWITCH	7	4	SW1-7
181090900300	KAV-CD FACEPLATE CV	I680200401185	18 PIN CONNECTOR R/A	1	4	
181090900300	KAV-CD FACEPLATE CV	I680200401195	19 PIN CONNECTOR R/A	1	4	
181090900300	KAV-CD FACEPLATE CV	I681700010082	8 PIN SING.ROW HEADER	1	4	J4
181090900300	KAV-CD FACEPLATE CV	I730110040020	4 PIN SING.ROW HEADER	1	4	J5
181090900300	KAV-CD FACEPLATE CV	I730110081920	8 PIN SINGLE HEADER	2	4	J8,9
181090900300	KAV-CD FACEPLATE CV	I730120082020	8 PIN SING ROW SOCKET	2	4	J6,7
181090900300	KAV-CD FACEPLATE CV	I750102861100	28 PIN DIP SOCKET	1	4	MISC1
181090900300	KAV-CD FACEPLATE CV	I81090900301	KAV-CD F/P W.I	1	4	
1920540900105	KAV-1cd FRONT	I920900900105	KAV-1cd FRONT	1	4	
181090900301	KAV-CD F/P W.I	I253092434027	RED LED STANLEY	3	5	D1,4-5
181090900301	KAV-CD F/P W.I	I450903004010	MICRO CONTROLLER	1	5	U1
181090900301	KAV-CD F/P W.I	I49000004022	SMALL LED-BLUE	1	5	D2
1920900900105	KAV-1cd FRONT	I920000900105	KAV-300cd FRONT	1	5	