

SONY[®] SERVICE MANUAL

*US Model
Canadian Model*
Chassis No. SCC-A85A-A

SUPPLEMENT-4

File this supplement with the service manual.

INTRODUCTION

B1 and B2 schematic diagrams alteration.

Note)

Please confirm that the part numbers of the set are identical with the numbers of the part number list below before using.

Board	Board Part. No
B1	1-645-715-12
B2	1-645-716-12

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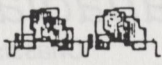

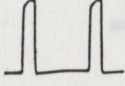
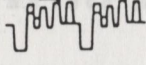

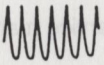
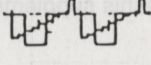
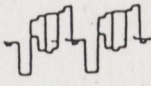

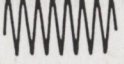
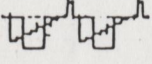
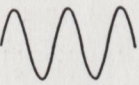
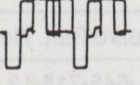
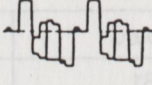
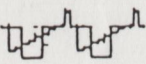
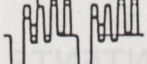
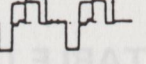
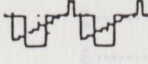
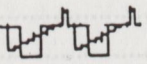
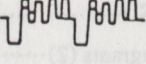

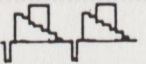
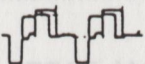
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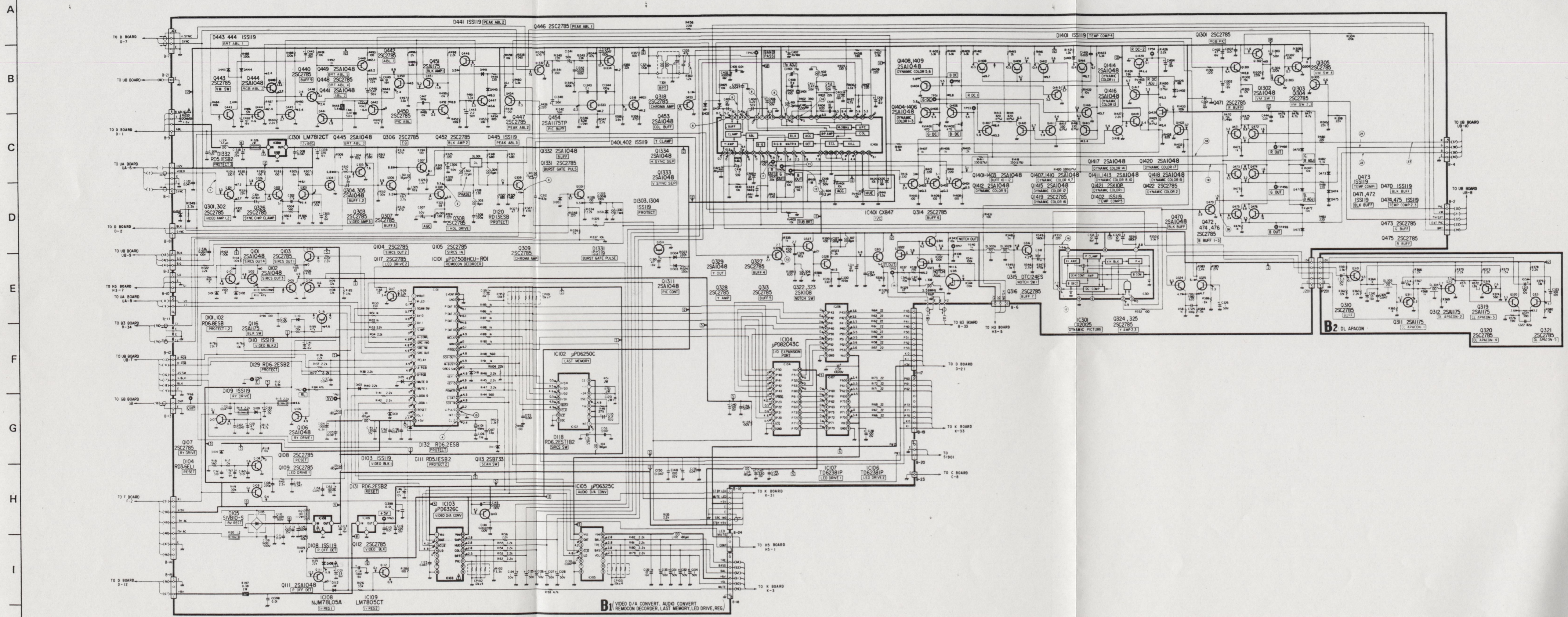


SECTION 6 DIAGRAMS

B1 BOARD

<p>①</p>  <p>1Vp-p(H) B-1 ②</p>	<p>⑧</p>  <p>1.4Vp-p(H) IC401 ⑥</p>	<p>⑮</p>  <p>2.8Vp-p(H) IC101 ⑮</p>	<p>⑳</p>  <p>1.5Vp-p(H) B-4 ②</p>
<p>②</p>  <p>1.5Vp-p(H) Q308 C</p>	<p>⑨</p>  <p>0.5Vp-p(13.9MHz) IC401 ⑪</p>	<p>⑯</p>  <p>2.4Vp-p(H) IC301 ⑦</p>	<p>㉓</p>  <p>1.6Vp-p(H) B-4 ④</p>
<p>③</p>  <p>0.8Vp-p(H) Q309 E</p>	<p>⑩</p>  <p>0.4Vp-p (13.9MHz) IC401 ⑬</p>	<p>⑰</p>  <p>2.2Vp-p(H) IC301 ⑤</p>	
<p>④</p>  <p>1.5Vp-p(4MHz) IC101 ㉒</p>	<p>⑪</p>  <p>5Vp-p(H) TP47G</p>	<p>⑱</p>  <p>2.5Vp-p(H) Q471 B</p>	
<p>⑤</p>  <p>1.4Vp-p(H) IC401 ③</p>	<p>⑫</p>  <p>5Vp-p(H) TP47B</p>	<p>⑲</p>  <p>2.5Vp-p(H) Q473 B</p>	
<p>⑥</p>  <p>1.4Vp-p(H) IC401 ①</p>	<p>⑬</p>  <p>7Vp-p(H) Q329 E</p>	<p>⑳</p>  <p>2.5Vp-p(H) Q475 B</p>	
<p>⑦</p>  <p>2.6Vp-p(H) TP47R</p>	<p>⑭</p>  <p>2.4Vp-p(H) TP13</p>	<p>㉑</p>  <p>1.6Vp-p(H) B-4 ③</p>	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

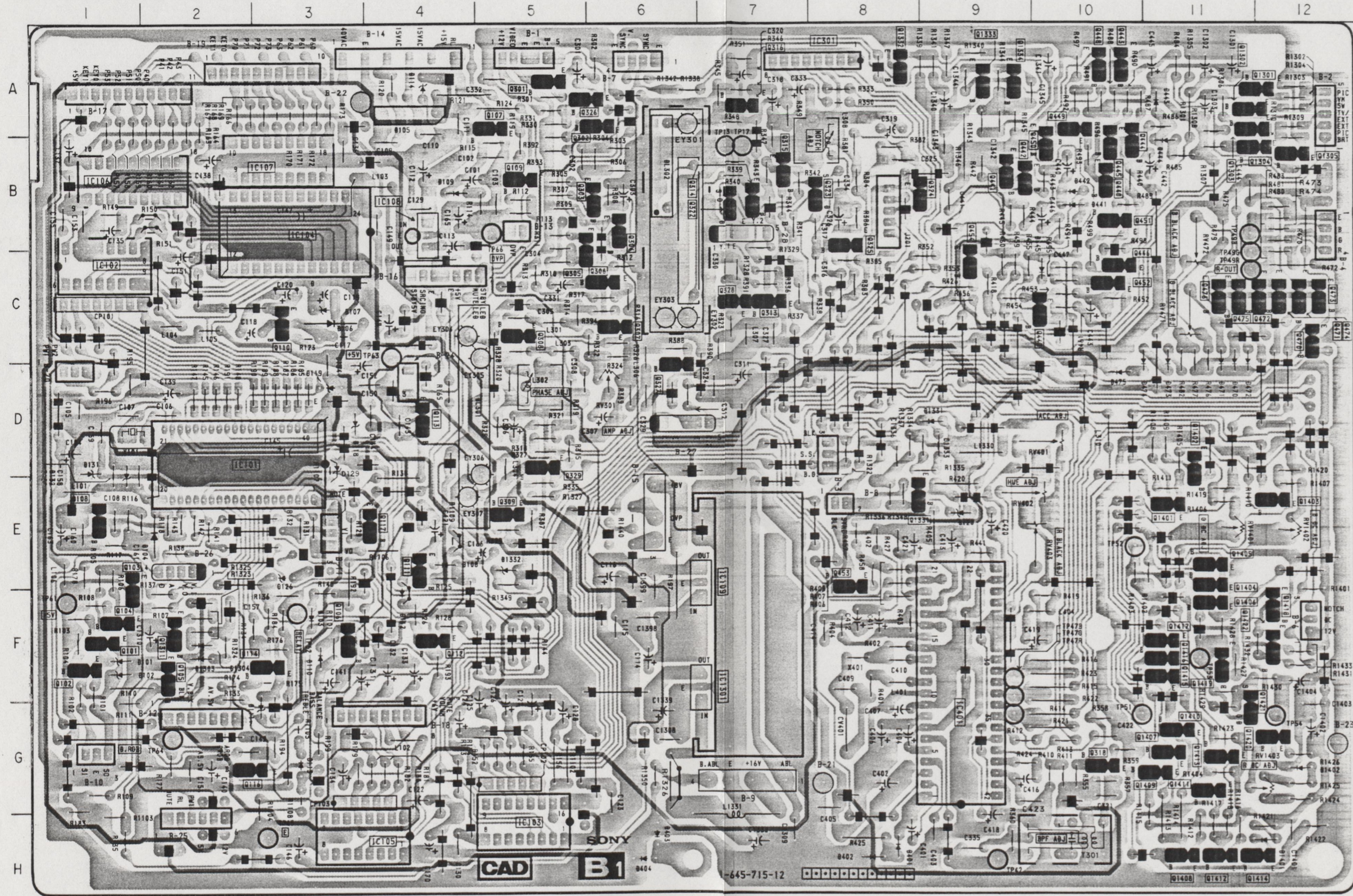


6-6. PRINTED WIRING BOARDS(2)

- B1 BOARD - (Page 49, 50)

B1

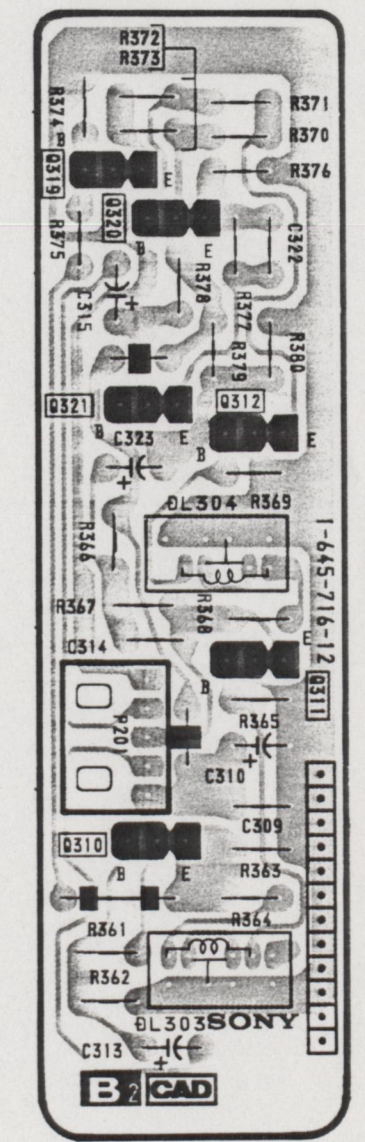
VIDEO D/A CONVERT, AUDIO CONVERT,
REMOCON DECODER, LAST MEMORY,
LED DRIVE, REG.



B2

[DL APACON]

- B2 BOARD - (Page 48)



SECTION 8
ELECTRICAL PARTS LIST

B1

NOTE:

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

* Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

* All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

* All resistors are in ohms
* F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

MF : μ F, PF : μ F

COILS

MMH : mH, UH : μ H

* The components identified by \boxtimes in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

* * : Selected to yield optimum performance.

* There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
*A-1135-737-A		B(B1) BOARD, COMPLETE (INCLUDING B2 BOARD) *****		C127	1-124-791-11	ELECT 1MF 20%	50V
				C128	1-124-791-11	ELECT 1MF 20%	50V
				C129	1-101-006-00	CERAMIC 0.047MF	50V
*1-566-054-11		PIN, CONNECTOR 2P		C130	1-101-006-00	CERAMIC 0.047MF	50V
*1-566-060-11		PIN, CONNECTOR 8P		C131	1-124-791-11	ELECT 1MF 20%	50V
		<CONNECTOR>		C132	1-126-301-11	ELECT 1MF 20%	50V
B1	*1-566-057-11	PIN, CONNECTOR 5P		C133	1-124-791-11	ELECT 1MF 20%	50V
B2	*1-566-057-11	PIN, CONNECTOR 5P		C134	1-124-791-11	ELECT 1MF 20%	50V
B3	*1-566-055-11	PIN, CONNECTOR 3P		C135	1-123-381-00	ELECT 2.2MF 20%	50V
B4	*1-566-056-11	PIN, CONNECTOR 4P		C136	1-101-006-00	CERAMIC 0.047MF	50V
B6	*1-566-055-11	PIN, CONNECTOR 3P		C137	1-124-443-00	ELECT 100MF 20%	10V
B7	*1-566-056-11	PIN, CONNECTOR 4P		C138	1-124-443-00	ELECT 100MF 20%	10V
B8	*1-566-054-11	PIN, CONNECTOR 2P		C139	1-124-915-11	ELECT 10MF 20%	15V
B9	*1-508-766-00	PIN, CONNECTOR (5MM PITCH) 4P		C140	1-124-443-00	ELECT 100MF 20%	10V
B10	*1-566-055-11	PIN, CONNECTOR 3P		C141	1-124-915-11	ELECT 10MF 20%	15V
B11	*1-566-055-11	PIN, CONNECTOR 3P		C142	1-102-074-00	CERAMIC 0.001MF 10%	50V
B12	*1-566-059-11	PIN, CONNECTOR 7P		C143	1-106-351-00	MYLAR 0.0022MF 10%	100V
B14	*1-566-063-11	PIN, CONNECTOR 11P		C144	1-106-351-00	MYLAR 0.0022MF 10%	100V
B15	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P		C145	1-119-354-00	ELECT 330MF	10V
B16	*1-566-059-11	PIN, CONNECTOR 7P		C146	1-124-126-00	ELECT 47MF 20%	10V
B17	*1-566-063-11	PIN, CONNECTOR 11P		C147	1-119-354-00	ELECT 330MF	10V
B19	*1-566-062-11	PIN, CONNECTOR 10P		C148	1-124-443-00	ELECT 100MF 20%	10V
B20	*1-566-055-11	PIN, CONNECTOR 3P		C149	1-101-006-00	CERAMIC 0.047MF	50V
B21	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P		C150	1-101-006-00	CERAMIC 0.047MF	50V
B24	*1-566-055-11	PIN, CONNECTOR 3P		C151	1-124-443-00	ELECT 100MF 20%	10V
		<CAPACITOR>		C152	1-124-443-00	ELECT 100MF 20%	10V
C101	1-124-126-00	ELECT 47MF 20%	10V	C153	1-101-006-00	CERAMIC 0.047MF	50V
C102	1-101-006-00	CERAMIC 0.047MF	50V	C154	1-101-006-00	CERAMIC 0.047MF	50V
C103	1-101-006-00	CERAMIC 0.047MF	50V	C155	1-102-074-00	CERAMIC 0.001MF 10%	50V
C104	1-124-471-00	ELECT 1000MF 20%	6.3V	C156	1-101-006-00	CERAMIC 0.047MF	50V
C105	1-108-812-11	MYLAR 0.047MF 5%	50V	C157	1-101-006-00	CERAMIC 0.047MF	50V
C106	1-102-963-00	CERAMIC 33PF 5%	50V	C158	1-101-006-00	CERAMIC 0.047MF	50V
C107	1-102-963-00	CERAMIC 33PF 5%	50V	C159	1-101-006-00	CERAMIC 0.047MF	50V
C108	1-102-978-00	CERAMIC 220PF 5%	50V	C160	1-102-129-00	CERAMIC 0.01MF 10%	50V
C109	1-102-038-00	CERAMIC 0.001MF	500V	C161	1-102-129-00	CERAMIC 0.01MF 10%	50V
C110	1-102-038-00	CERAMIC 0.001MF	500V	C162	1-130-483-00	MYLAR 0.01MF 5%	50V
C111	1-130-483-00	MYLAR 0.01MF 5%	50V	C163	1-124-915-11	ELECT 10MF 20%	16V
C112	1-126-105-11	ELECT 1000MF 20%	35V	C165	1-126-101-11	ELECT 100MF 20%	10V
C113	1-124-915-11	ELECT 10MF 20%	16V	C301	1-124-915-11	ELECT 10MF 20%	16V
C114	1-124-360-00	ELECT 1000MF 20%	16V	C302	1-102-961-00	CERAMIC 27PF 5%	50V
C115	1-130-483-00	MYLAR 0.01MF 5%	50V	C303	1-124-915-11	ELECT 10MF 20%	16V
C116	1-126-176-11	ELECT 220MF 20%	10V	C304	1-102-971-00	CERAMIC 82PF 5%	50V
C121	1-124-034-51	ELECT 33MF 20%	16V	C305	1-102-971-00	CERAMIC 82PF 5%	50V
C122	1-124-915-11	ELECT 10MF 20%	16V	C306	1-124-791-11	ELECT 1MF 20%	50V
C123	1-101-006-00	CERAMIC 0.047MF	50V	C307	1-124-791-11	ELECT 1MF 20%	50V
C124	1-124-791-11	ELECT 1MF 20%	50V	C308	1-102-978-00	CERAMIC 220PF 5%	50V
C125	1-124-791-11	ELECT 1MF 20%	50V	C311	1-126-233-11	ELECT 22MF 20%	16V
C126	1-126-301-11	ELECT 1MF 20%	50V	C312	1-102-971-00	CERAMIC 82PF 5%	50V
				C316	1-102-947-00	CERAMIC 10PF 0.5PF	50V
				C317	1-102-947-00	CERAMIC 10PF 0.5PF	50V
				C318	1-124-791-11	ELECT 1MF 20%	50V

B1

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque Δ sont critiques pour la securite.
Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C320	1-124-915-11	ELECT	10MF	20%	16V		
C321	1-101-361-00	CERAMIC	150PF	5%	50V		
C324	1-101-006-00	CERAMIC	0.047MF		50V		
C325	1-102-973-00	CERAMIC	100PF	5%	50V		
C326	1-124-791-11	ELECT	1MF	20%	50V		
C327	1-102-820-00	CERAMIC	330PF	5%	50V		
C329	1-102-971-00	CERAMIC	82PF	5%	50V		
C330	1-102-973-00	CERAMIC	100PF	5%	50V		
C331	1-124-915-11	ELECT	10MF	20%	16V		
C332	1-101-006-00	CERAMIC	0.047MF		50V		
C333	1-124-915-11	ELECT	10MF	20%	16V		
C335	1-101-880-00	CERAMIC	47PF	5%	50V		
C401	1-126-233-11	ELECT	22MF	20%	16V		
C402	1-124-360-00	ELECT	1000MF	20%	16V		
C403	1-102-125-00	CERAMIC	0.0047MF	10%	50V		
C404	1-124-464-11	ELECT	0.22MF	20%	50V		
C405	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C406	1-124-464-11	ELECT	0.22MF	20%	50V		
C407	1-124-915-11	ELECT	10MF	20%	16V		
C409	1-102-945-00	CERAMIC	8PF	0.5PF	50V		
C410	1-102-074-00	CERAMIC	0.001MF	10%	50V		
C411	1-123-379-00	ELECT	0.47MF	20%	50V		
C412	1-123-379-00	ELECT	0.47MF	20%	50V		
C413	1-126-233-11	ELECT	22MF	20%	16V		
C414	1-126-320-11	ELECT	10MF	20%	16V		
C416	1-123-381-00	ELECT	2.2MF	20%	50V		
C418	1-124-034-51	ELECT	33MF	20%	16V		
C419	1-124-463-00	ELECT	0.1MF	20%	50V		
C420	1-124-034-51	ELECT	33MF	20%	16V		
C421	1-124-477-11	ELECT	47MF	20%	16V		
C422	1-102-115-00	CERAMIC	560PF	10%	50V		
C423	1-102-962-00	CERAMIC	30PF	5%	50V		
C440	1-124-915-11	ELECT	10MF	20%	16V		
C441	1-126-529-11	ELECT	0.47MF	20%	50V		
C442	1-124-477-11	ELECT	47MF	20%	16V		
C443	1-123-381-00	ELECT	2.2MF	20%	50V		
C444	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C445	1-124-478-11	ELECT	100MF	20%	25V		
C446	1-123-379-00	ELECT	0.47MF	20%	50V		
C447	1-102-973-00	CERAMIC	100PF	5%	50V		
C1301	1-126-233-11	ELECT	22MF	20%	16V		
C1302	1-124-034-51	ELECT	33MF	20%	16V		
C1303	1-124-791-11	ELECT	1MF	20%	50V		
C1308	1-101-006-00	CERAMIC	0.047MF		50V		
C1309	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C1310	1-124-477-11	ELECT	47MF	20%	16V		
C1333	1-108-617-11	MYLAR	0.0018MF	10%	100V		
C1336	1-106-351-00	MYLAR	0.0022MF	10%	100V		
C1338	1-124-478-11	ELECT	100MF	20%	25V		
C1339	1-124-120-11	ELECT	220MF	20%	16V		
C1340	1-124-791-11	ELECT	1MF	20%	50V		
C1341	1-124-791-11	ELECT	1MF	20%	50V		
C1342	1-106-375-12	MYLAR	0.022MF	10%	100V		
C1343	1-136-165-00	FILM	0.1MF	5%	50V		
C1344	1-102-973-00	CERAMIC	100PF	5%	50V		
C1345	1-108-622-11	MYLAR	0.0047MF	10%	100V		
C1398	1-101-004-00	CERAMIC	0.01MF		50V		
C1399	1-101-004-00	CERAMIC	0.01MF		50V		
C1401	1-102-074-00	CERAMIC	0.001MF	10%	50V		
C1402	1-124-477-11	ELECT	47MF	20%	16V		
C1403	1-102-129-00	CERAMIC	0.01MF	10%	50V		
C1404	1-124-034-51	ELECT	33MF	20%	16V		
<COMPOSITION CIRCUIT BLOCK>							
CP101	1-232-028-00	COMPOSITION CIRCUIT BLOCK					
CP102	1-249-429-11	COMPOSITION CIRCUIT BLOCK					
CP103	1-249-429-11	COMPOSITION CIRCUIT BLOCK					
<TRIMMER>							
CV401	1-141-171-00	CAP, TRIMMER 15P					
<DIODE>							
D101	8-719-109-96	DIODE RD6.8ESB1					
D102	8-719-109-96	DIODE RD6.8ESB1					
D103	8-719-911-19	DIODE ISS119					
D104	8-719-101-39	DIODE RD3.6EL2					
D105	8-719-511-40	DIODE S1VB40					
D108	Δ 8-719-921-20	DIODE ISS119TD					
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D111	8-719-109-85	DIODE RD5.1ESB2					
D120	8-719-110-36	DIODE RD13ESB2					
D129	8-719-109-93	DIODE RD6.2ESB2					
D131	8-719-109-93	DIODE RD6.2ESB2					
D132	8-719-109-93	DIODE RD6.2ESB2					
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D1304	8-719-911-19	DIODE ISS119					
D1331	8-719-911-19	DIODE ISS119					
D1332	8-719-109-85	DIODE RD5.1ESB2					
D1401	8-719-911-19	DIODE ISS119					
D1402	8-719-911-19	DIODE ISS119					
<DELAY LINE>							
DL301	1-415-107-31	DELAY LINE (1H)					
DL302A	1-415-530-11	DELAY LINE, Y					
DL302B	1-415-531-11	DELAY LINE, Y					
<IC>							
IC101	8-759-152-58	IC UPD7508HCU-R01					
IC102	8-752-321-18	IC CXK1005P					
IC103	Δ 8-759-102-28	IC UPD6326C					
IC104	8-759-101-14	IC UPD82C43C					
IC105	8-759-104-05	IC UPD6325C					
IC106	8-759-207-07	IC TD62381P					
IC107	8-759-207-07	IC TD62381P					
IC108	Δ 8-759-708-05	IC NJM78L05A					
IC109	8-759-924-12	IC LM7805CT					
IC301	8-752-012-52	IC CX20125					
IC401	8-758-480-00	IC CX-848					
IC1301	Δ 8-759-929-62	IC LM7812CT					

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The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
		<JACK>					
J201	*1-564-529-11	CONNECTOR, BOARD TO BOARD 5P		Q329	8-729-119-76	TRANSISTOR 2SA1175-HFE	
		<COIL>		Q440	Δ 8-729-101-36	TRANSISTOR 2SC2785-H	
L101	1-407-708-00	INDUCTOR 180UH		Q441	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L102	1-407-708-00	INDUCTOR 180UH		Q442	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L103	1-408-424-00	INDUCTOR 180UH		Q443	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L104	1-408-424-00	INDUCTOR 180UH		Q444	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L105	1-408-424-00	INDUCTOR 180UH		Q445	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L106	1-408-424-00	INDUCTOR 180UH		Q446	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L301	1-408-412-00	INDUCTOR 18UH		Q447	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L302	1-407-571-00	COIL, VARIABLE 22UH		Q448	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L303	1-408-412-00	INDUCTOR 18UH		Q449	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L304	1-408-411-00	INDUCTOR 15UH		Q450	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L306	1-408-417-00	INDUCTOR 47UH		Q451	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L307	1-408-412-00	INDUCTOR 18UH		Q452	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L308	1-409-193-00	COIL 3.58MHZ TRAP		Q453	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L310	1-408-411-00	INDUCTOR 15UH		Q454	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L401	1-408-398-00	INDUCTOR 1.2UH		Q470	8-729-119-76	TRANSISTOR 2SA1175-HFE	
L402	1-408-398-00	INDUCTOR 1.2UH		Q471	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L404	1-408-398-00	INDUCTOR 1.2UH		Q472	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L1330	1-408-236-00	INDUCTOR 2.7MMH		Q473	8-729-119-78	TRANSISTOR 2SC2785-HFE	
L1331	1-408-159-00	COIL, SPOOK CHOKE 3.3UH		Q474	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		<TRANSISTOR>		Q475	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q101	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q476	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q102	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1301	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q103	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1302	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q104	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1303	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q105	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1304	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q106	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1305	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q107	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1311	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q108	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1331	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q109	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1332	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q111	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1333	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q112	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1334	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q113	8-729-140-93	TRANSISTOR 2SB733-34		Q1401	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q116	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1402	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q117	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1403	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q301	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1404	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q302	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1405	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q303	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1406	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q304	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1407	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q305	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q1408	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q306	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1409	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q307	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1410	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q308	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1411	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q309	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1412	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q313	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1413	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q314	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1414	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q315	8-729-900-36	TRANSISTOR DTC124ES		Q1415	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q316	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1416	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q318	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1417	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q322	8-729-600-12	TRANSISTOR 2SK108-C		Q1418	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q323	8-729-600-12	TRANSISTOR 2SK108-C		Q1419	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q324	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1420	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q325	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1421	8-729-600-12	TRANSISTOR 2SK108-C	
Q326	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q1422	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q327	8-729-119-78	TRANSISTOR 2SC2785-HFE				<RESISTOR>	
Q328	8-729-119-78	TRANSISTOR 2SC2785-HFE		R101	1-249-395-11	CARBON 15 5% 1/4W	
				R102	1-249-395-11	CARBON 15 5% 1/4W	
				R103	1-249-441-11	CARBON 100K 5% 1/4W	
				R104	1-249-441-11	CARBON 100K 5% 1/4W	
				R105	1-249-404-00	CARBON 82 5% 1/4W	

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R106	1-249-413-11	CARBON		R180	1-249-421-11	CARBON	
R107	1-249-421-11	CARBON		R181	1-249-421-11	CARBON	
R108	1-249-433-11	CARBON		R182	1-249-421-11	CARBON	
R109	1-249-433-11	CARBON		R183	1-249-433-11	CARBON	
R110	1-249-465-11	CARBON		R184	1-249-437-11	CARBON	
R111	1-249-437-11	CARBON		R185	1-249-417-11	CARBON	
R112	1-249-427-11	CARBON		R186	1-249-417-11	CARBON	
R113	1-249-421-11	CARBON	F	R187	1-249-417-11	CARBON	
R114	1-249-421-11	CARBON	F	R188	1-249-417-11	CARBON	
R115	1-249-425-11	CARBON		R189	1-249-417-11	CARBON	
R116	1-249-414-11	CARBON		R190	1-249-417-11	CARBON	
R117	1-249-429-11	CARBON		R191	1-249-417-11	CARBON	
R118	1-249-429-11	CARBON		R192	1-247-717-11	CARBON	
R119	1-249-441-11	CARBON		R193	1-249-425-11	CARBON	
R120	1-249-382-11	CARBON	F	R194	1-249-405-11	CARBON	
R121	1-247-739-11	CARBON	F	R195	1-249-441-11	CARBON	
R122	1-249-469-11	CARBON		R196	1-249-405-11	CARBON	
R123	1-249-433-11	CARBON		R197	1-216-364-11	METAL OXIDE	
R124	1-249-435-11	CARBON		R199	1-249-437-11	CARBON	
R125	1-249-405-11	CARBON		R301	1-249-411-11	CARBON	
R126	1-249-435-11	CARBON		R302	1-249-408-11	CARBON	
R127	1-249-405-11	CARBON		R303	1-249-417-11	CARBON	
R128	1-249-405-11	CARBON		R304	1-249-414-11	CARBON	
R129	1-249-421-11	CARBON		R305	1-247-836-11	CARBON	
R130	1-247-706-11	CARBON		R306	1-249-413-11	CARBON	
R131	1-249-417-11	CARBON		R307	1-249-438-11	CARBON	
R132	1-249-417-11	CARBON		R308	1-247-862-11	CARBON	
R133	1-249-421-11	CARBON		R309	1-249-417-11	CARBON	
R134	1-249-421-11	CARBON		R310	1-249-425-11	CARBON	
R135	1-249-421-11	CARBON		R311	1-249-412-11	CARBON	
R136	1-249-421-11	CARBON		R312	1-247-866-11	CARBON	
R137	1-249-421-11	CARBON		R313	1-249-438-11	CARBON	
R138	1-249-421-11	CARBON		R314	1-249-413-11	CARBON	
R139	1-249-421-11	CARBON		R315	1-249-413-11	CARBON	
R140	1-249-421-11	CARBON		R316	1-249-413-11	CARBON	
R141	1-249-421-11	CARBON		R317	1-249-422-11	CARBON	
R142	1-249-421-11	CARBON		R318	1-249-415-11	CARBON	
R143	1-249-421-11	CARBON		R319	1-247-711-11	CARBON	
R144	1-247-710-11	CARBON		R320	1-249-415-11	CARBON	
R145	1-249-421-11	CARBON		R321	1-249-415-11	CARBON	
R146	1-249-421-11	CARBON		R322	1-249-403-11	CARBON	
R147	1-249-421-11	CARBON		R323	1-249-418-11	CARBON	
R148	1-249-414-11	CARBON		R324	1-249-409-11	CARBON	
R149	1-249-434-11	CARBON		R325	1-249-409-11	CARBON	
R150	1-249-421-11	CARBON		R326	1-249-421-11	CARBON	
R151	1-249-421-11	CARBON		R327	1-249-415-11	CARBON	
R152	1-249-421-11	CARBON		R328	1-249-411-11	CARBON	
R153	1-249-421-11	CARBON		R329	1-249-415-11	CARBON	
R154	1-249-421-11	CARBON		R330	1-249-437-11	CARBON	
R155	1-249-421-11	CARBON		R331	1-249-433-11	CARBON	
R156	1-247-717-11	CARBON		R333	1-249-409-11	CARBON	
R157	1-249-397-11	CARBON		R335	1-249-417-11	CARBON	
R158	1-249-397-11	CARBON		R336	1-249-417-11	CARBON	
R159	1-249-397-11	CARBON		R337	1-249-417-11	CARBON	
R160	1-249-397-11	CARBON		R338	1-249-409-11	CARBON	
R161	1-249-397-11	CARBON		R339	1-249-417-11	CARBON	
R162	1-249-397-11	CARBON		R340	1-249-417-11	CARBON	
R163	1-249-397-11	CARBON		R341	1-249-441-11	CARBON	
R164	1-249-397-11	CARBON		R342	1-249-441-11	CARBON	
R165	1-249-397-11	CARBON		R343	1-249-429-11	CARBON	
R166	1-249-397-11	CARBON		R344	1-249-441-11	CARBON	
R167	1-249-397-11	CARBON		R345	1-249-419-11	CARBON	
R168	1-249-397-11	CARBON		R346	1-249-422-11	CARBON	
R169	1-249-397-11	CARBON					
R170	1-249-397-11	CARBON					
R171	1-249-397-11	CARBON					
R172	1-249-397-11	CARBON					
R173	1-249-397-11	CARBON					
R174	1-249-397-11	CARBON					
R175	1-249-397-11	CARBON					
R176	1-249-429-11	CARBON					
R177	1-249-433-11	CARBON					
R178	1-249-433-11	CARBON					
R179	1-249-421-11	CARBON					

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REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R347	1-247-895-00	CARBON	470K 5% 1/4W	R460	1-249-423-11	CARBON	3.3K 5% 1/4W
R348	1-247-842-11	CARBON	3K 5% 1/4W	R461	1-249-423-11	CARBON	3.3K 5% 1/4W
R349	1-247-897-11	CARBON	560K 5% 1/4W	R470	1-249-460-11	CARBON	15K 5% 1/4W
R351	1-247-899-11	CARBON	680K 5% 1/4W	R472	1-247-713-11	CARBON	1K 5% 1/4W
R352	1-249-405-11	CARBON	100 5% 1/4W	R473	1-249-417-11	CARBON	1K 5% 1/4W
R353	1-249-423-11	CARBON	3.3K 5% 1/4W	R474	1-249-417-11	CARBON	1K 5% 1/4W
R355	1-249-433-11	CARBON	22K 5% 1/4W	R475	1-249-409-11	CARBON	220 5% 1/4W
R357	1-249-416-11	CARBON	820 5% 1/4W	R476	1-249-425-11	CARBON	4.7K 5% 1/4W
R358	1-249-424-11	CARBON	3.9K 5% 1/4W	R477	1-249-425-11	CARBON	4.7K 5% 1/4W
R359	1-249-413-11	CARBON	470 5% 1/4W	R479	1-249-435-11	CARBON	33K 5% 1/4W
R360	1-249-418-11	CARBON	1.2K 5% 1/4W	R480	1-249-409-11	CARBON	220 5% 1/4W
R381	1-249-417-11	CARBON	1K 5% 1/4W	R481	1-249-409-11	CARBON	220 5% 1/4W
R382	1-247-826-00	CARBON	620 5% 1/4W	R482	1-247-848-11	CARBON	5.1K 5% 1/4W
R383	1-247-840-00	CARBON	2.4K 5% 1/4W	R483	1-249-409-11	CARBON	220 5% 1/4W
R384	1-249-419-11	CARBON	1.5K 5% 1/4W	R484	1-249-441-11	CARBON	100K 5% 1/4W
R385	1-249-434-11	CARBON	27K 5% 1/4W	R485	1-247-891-00	CARBON	330K 5% 1/4W
R386	1-249-432-11	CARBON	18K 5% 1/4W	R486	1-249-429-11	CARBON	10K 5% 1/4W
R387	1-249-413-11	CARBON	470 5% 1/4W	R487	1-249-417-11	CARBON	1K 5% 1/4W
R388	1-249-417-11	CARBON	1K 5% 1/4W	R488	1-247-887-00	CARBON	220K 5% 1/4W
R389	1-249-416-11	CARBON	820 5% 1/4W	R489	1-249-427-11	CARBON	6.8K 5% 1/4W
R390	1-247-822-11	CARBON	430 5% 1/4W	R490	1-249-417-11	CARBON	1K 5% 1/4W
R391	1-249-411-11	CARBON	330 5% 1/4W	R491	1-249-429-11	CARBON	10K 5% 1/4W
R392	1-249-405-11	CARBON	100 5% 1/4W	R492	1-249-417-11	CARBON	1K 5% 1/4W
R393	1-249-405-11	CARBON	100 5% 1/4W	R493	1-249-405-11	CARBON	100 5% 1/4W
R394	1-249-405-11	CARBON	100 5% 1/4W	R494	1-249-433-11	CARBON	22K 5% 1/4W
R401	1-249-405-11	CARBON	100 5% 1/4W	R495	1-249-429-11	CARBON	10K 5% 1/4W
R402	1-249-412-11	CARBON	390 5% 1/4W	R496	1-249-430-11	CARBON	12K 5% 1/4W
R403	1-249-433-11	CARBON	22K 5% 1/4W	R497	1-247-844-11	CARBON	3.6K 5% 1/4W
R404	1-249-416-11	CARBON	820 5% 1/4W	R498	1-249-421-11	CARBON	2.2K 5% 1/4W
R405	1-247-706-11	CARBON	330 5% 1/4W	R499	1-249-429-11	CARBON	10K 5% 1/4W
R406	1-249-423-11	CARBON	3.3K 5% 1/4W	R1101	1-249-441-11	CARBON	100K 5% 1/4W
R407	1-249-409-11	CARBON	220 5% 1/4W	R1102	1-247-719-11	CARBON	3.3K 5% 1/4W
R409	1-249-409-11	CARBON	220 5% 1/4W	R1103	1-249-441-11	CARBON	100K 5% 1/4W
R410	1-249-429-11	CARBON	10K 5% 1/4W	R1104	1-249-433-11	CARBON	22K 5% 1/4W
R411	1-249-429-11	CARBON	10K 5% 1/4W	R1301	1-247-704-11	CARBON	220 5% 1/4W
R412	1-249-405-11	CARBON	100 5% 1/4W	R1302	1-249-431-11	CARBON	15K 5% 1/4W
R413	1-249-409-11	CARBON	220 5% 1/4W	R1303	1-249-430-11	CARBON	12K 5% 1/4W
R414	1-247-704-11	CARBON	220 5% 1/4W	R1304	1-247-881-00	CARBON	120K 5% 1/4W
R415	1-247-704-11	CARBON	220 5% 1/4W	R1305	1-247-887-00	CARBON	220K 5% 1/4W
R416	1-247-704-11	CARBON	220 5% 1/4W	R1306	1-247-887-00	CARBON	220K 5% 1/4W
R418	1-249-405-11	CARBON	100 5% 1/4W	R1307	1-249-433-11	CARBON	22K 5% 1/4W
R419	1-247-903-00	CARBON	1M 5% 1/4W	R1308	1-249-429-11	CARBON	10K 5% 1/4W
R420	1-247-725-11	CARBON	10K 5% 1/4W	R1309	1-249-433-11	CARBON	22K 5% 1/4W
R421	1-247-162-00	CARBON	20K 5% 1/4W	R1310	1-249-433-11	CARBON	22K 5% 1/4W
R422	1-247-725-11	CARBON	10K 5% 1/4W	R1322	1-249-421-11	CARBON	2.2K 5% 1/4W
R423	1-247-172-00	CARBON	51K 5% 1/4W	R1323	1-247-891-00	CARBON	330K 5% 1/4W
R424	1-249-426-11	CARBON	5.6K 5% 1/4W	R1324	1-247-891-00	CARBON	330K 5% 1/4W
R425	1-247-725-11	CARBON	10K 5% 1/4W	R1325	1-249-417-11	CARBON	1K 5% 1/4W
R426	1-247-704-11	CARBON	220 5% 1/4W	R1327	1-249-401-11	CARBON	47 5% 1/4W
R427	1-249-425-11	CARBON	4.7K 5% 1/4W	R1328	1-249-401-11	CARBON	47 5% 1/4W
R440	1-249-421-11	CARBON	2.2K 5% 1/4W	R1329	1-249-401-11	CARBON	47 5% 1/4W
R441	1-249-423-11	CARBON	3.3K 5% 1/4W	R1334	1-249-421-11	CARBON	2.2K 5% 1/4W
R442	1-249-437-11	CARBON	47K 5% 1/4W	R1335	1-249-405-11	CARBON	100 5% 1/4W
R443	1-249-435-11	CARBON	33K 5% 1/4W	R1336	1-249-429-11	CARBON	10K 5% 1/4W
R444	1-247-870-11	CARBON	43K 5% 1/4W	R1337	1-249-429-11	CARBON	10K 5% 1/4W
R445	1-249-426-11	CARBON	5.6K 5% 1/4W	R1338	1-249-414-11	CARBON	560 5% 1/4W
R452	1-249-441-11	CARBON	100K 5% 1/4W	R1339	1-249-413-11	CARBON	470 5% 1/4W
R453	1-249-411-11	CARBON	330 5% 1/4W	R1340	1-249-409-11	CARBON	220 5% 1/4W
R454	1-249-416-11	CARBON	820 5% 1/4W	R1341	1-249-411-11	CARBON	330 5% 1/4W
R455	1-249-409-11	CARBON	220 5% 1/4W	R1342	1-249-414-11	CARBON	560 5% 1/4W
R456	1-249-409-11	CARBON	220 5% 1/4W	R1343	1-249-424-11	CARBON	3.9K 5% 1/4W
R457	1-249-424-11	CARBON	3.9K 5% 1/4W	R1344	1-249-437-11	CARBON	47K 5% 1/4W
R458	1-249-412-11	CARBON	390 5% 1/4W	R1345	1-247-901-11	CARBON	820K 5% 1/4W
R459	1-249-429-11	CARBON	10K 5% 1/4W				

