

SONY® SERVICE MANUAL

G3F CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>	<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-L34MF1	RM-845P	ME	SCC-G37L-A (Serial No. 1,132,101 through 1,132,150)	KV-L34MN11	RM-845P	GE	SCC-G44B-A (Serial No. 1,018,251 through 1,018,300) (Serial No. 1,018,751 and later)
	RM-845P	HK	SCC-G43G-A (Serial No. 1,404,401 and later)				
	RM-845P	GE	SCC-G44G-A (Serial No. 1,000,001 and later)				
KV-L34MH11	RM-845P	ME	SCC-G37M-A (Serial No. 1,004,301 and later)				
	RM-845P	HK	SCC-G43H-A (Serial No. 1,404,401 and later)				

SUPPLEMENT-2

**SUBJECT 1 : CHANGE OF PICTURE TUBE
2 : CHANGE OF DEFLECTION YOKE AND NECK ASS'Y
3 : CHANGE OF C, D AND VM BOARDS
4 : D2 BOARD DELETED**

File this supplement with the Service Manual.

INTRODUCTION:

- The following new parts numbers are introduced to the models serial numbers listed above and later.
- KV-L34MF1 has new destination model in additional to the ME and HK destination ones. For KV-L34MF1 GE (SCC-A44G-A) model.All the Supplements 1 to 2 and the original service manual (KV-L34MF1) contents are valid from the first set.

Please refer to them for other information.

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
△ 8-733-742-05	PICTURE TUBE (A80JYV51X)	(GE model)
△ 8-733-743-05	PICTURE TUBE (A80JYV51X)	(ME, HK models)
△ 8-451-482-21	DEFRECTION YOKE (Y34FXA2)	
△ 1-452-616-13	NECK ASS'Y,CRT	
A-1331-636-A	C BOARD COMPLETE	
A-1346-551-A	D BOARD COMPLETE	
A-1342-292-A	VM BOARD COMPLETE	
	D2 BOARD COMPLETE	DELETED



VM [VM OUT]

C
(RGB OUT)

FV FOCUS

SCREEN 229-853V (659V)
H. STAT RV702 110M

C702 1000pF
R734 100 1/2W :RC

C701 0.0047 2kV E
J701

R701 330k 1/2W :RC
RV701 2 1/2W :RC
R702 100k 1/2W :RC
1000V

L701 22μH :EL0607
C717 4.7 250V
C704 0.022 400V :PP
R705 5.6 3W :RS
R706 5.6 3W :RS
C705 JW (7.5mm)
200V

R703 100k 1/2W :RC
R704 100k 1/2W :RC
R707 5.6 3W :RS
R708 4.7k
L703 82μH :EL0606
R709 4.7k
L705 82μH :EL0606
R710 15k 2W :RS
R711 15k 2W :RS
R712 15k 2W :RS
R713 15k 2W :RS
R714 15k 2W :RS
R715 15k 2W :RS
R716 100 1/4W :FPR0
R717 100 1/4W :FPR0
R718 100 1/4W :FPR0
R719 100 1/4W :FPR0
R720 1k 1/4W :FPR0
R721 1k 1/4W :FPR0
R722 1k 1/4W :FPR0
R723 1k 1/4W :FPR0
R724 1k 1/4W :FPR0
R725 1k 1/4W :FPR0
R726 1k 1/4W :FPR0
R727 1k 1/4W :FPR0
R728 1k 1/4W :FPR0
R729 1k 1/4W :FPR0
R730 1k 1/4W :FPR0
R731 1k 1/4W :FPR0
R732 1k 1/4W :FPR0
R733 1k 1/4W :FPR0
R734 1k 1/4W :FPR0
R735 1k 1/4W :FPR0
R736 1k 1/4W :FPR0
R737 1k 1/4W :FPR0
R738 1k 1/4W :FPR0
R739 1k 1/4W :FPR0
R740 1k 1/4W :FPR0
R741 1k 1/4W :FPR0
R742 1k 1/4W :FPR0
R743 1k 1/4W :FPR0
R744 1k 1/4W :FPR0
R745 1k 1/4W :FPR0
R746 1k 1/4W :FPR0
R747 1k 1/4W :FPR0
R748 1k 1/4W :FPR0
R749 1k 1/4W :FPR0
R750 1k 1/4W :FPR0
R751 1k 1/4W :FPR0
R752 1k 1/4W :FPR0
R753 1k 1/4W :FPR0
R754 1k 1/4W :FPR0
R755 1k 1/4W :FPR0
R756 1k 1/4W :FPR0
R757 1k 1/4W :FPR0
R758 1k 1/4W :FPR0
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R775 1k 1/4W :FPR0
R776 1k 1/4W :FPR0
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R784 1k 1/4W :FPR0
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R789 1k 1/4W :FPR0
R790 1k 1/4W :FPR0
R791 1k 1/4W :FPR0
R792 1k 1/4W :FPR0
R793 1k 1/4W :FPR0
R794 1k 1/4W :FPR0
R795 1k 1/4W :FPR0
R796 1k 1/4W :FPR0
R797 1k 1/4W :FPR0
R798 1k 1/4W :FPR0
R799 1k 1/4W :FPR0
R800 1k 1/4W :FPR0

Q701 2SC2611
Q702 2SC2611
Q703 2SC2611
Q704 2SC2611
Q705 2SC2611
Q706 2SC2611
Q707 2SC2611
Q708 2SC2611
Q709 2SC2611
Q710 2SC2611
Q711 2SC2611
Q712 2SC2611
Q713 2SC2611
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Q751 2SC2611
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Q794 2SC2611
Q795 2SC2611
Q796 2SC2611
Q797 2SC2611
Q798 2SC2611
Q799 2SC2611
Q800 2SC2611

1 1000V
2 200V
3 GND
4 NC
5 H1
6 H2

TO Ø BOARD CN0521

CN702 2P WHT :MINI

1 GND
2 GND

CN704 TAB (CONTACT)

1 GND
1 GND

CN705 1P WHT :MINI
TO Ø BOARD CN0529

CN703 8P RED :S-MICRO

1 R
2 G
3 B
4 12V
5 GND
6 1K
7 GND
8 GND

TO A BOARD CN104

B-SS5821<EA.>-C..

C [R.G.B. OUT]

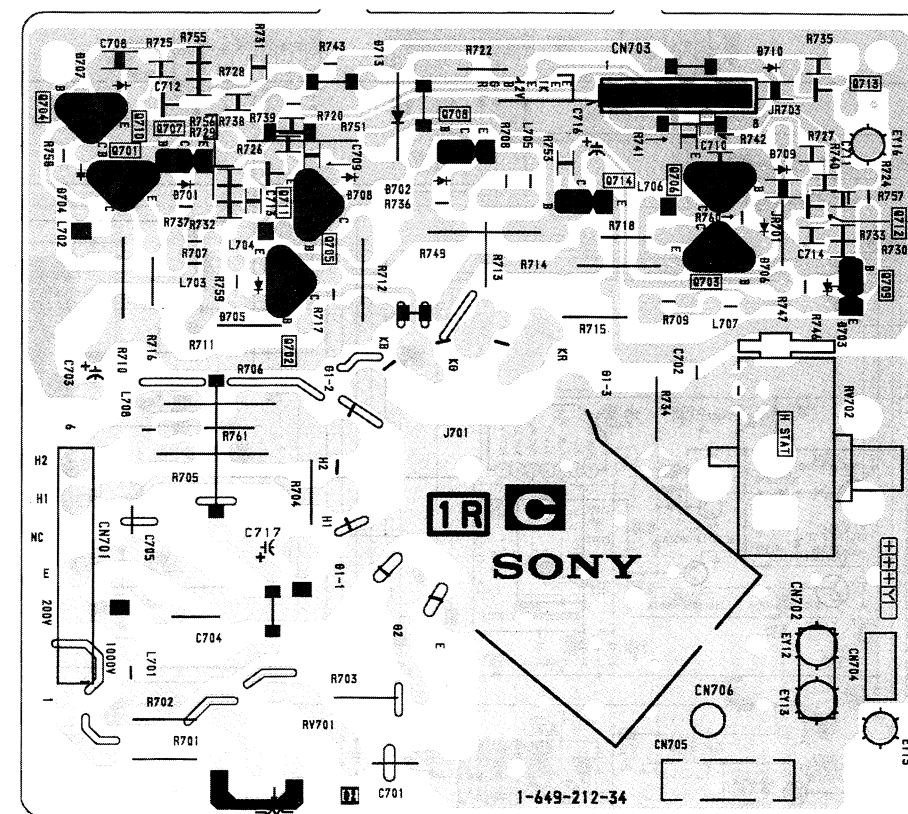


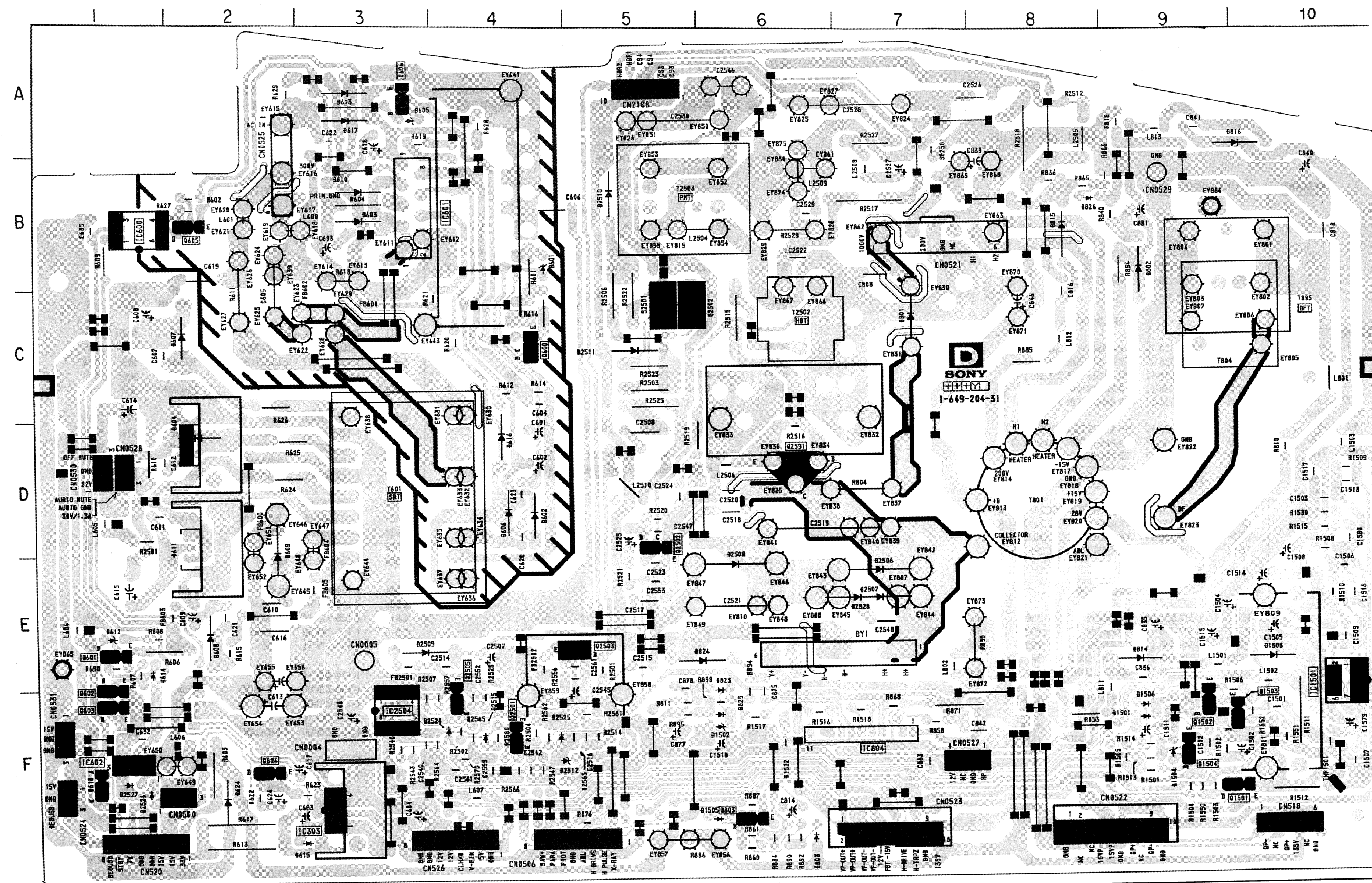
Figure 1 displays four waveforms labeled 1, 2, 3, and 4. Waveform 1 is a sine wave with a peak-to-peak voltage of 28 Vp-p (H). Waveform 2 is a square wave with a peak-to-peak voltage of 130 Vp-p (H). Waveform 3 is a square wave with a peak-to-peak voltage of 130 Vp-p (H). Waveform 4 is a square wave with a peak-to-peak voltage of 130 Vp-p (H).



0.3 Vp-p (V)	1.25 Vp-p (V)	60 Vp-p (V)
1.3 Vp-p (H)	0.3 Vp-p (V)	2.0 Vp-p (H)
180 Vp-p (H)	16 Vp-p (H)	1000 Vp-p (H)
1000 Vp-p (H)	240 Vp-p (H)	2.0 Vp-p (V)
64 Vp-p (V)		

D

[HV OUT]

**PRINTED WIRING BOARD
- D Board -****• D BOARD**

IC		D611	D-2
D612		E-1	
D613		A-3	
D614		E-1	
D615		F-2	
D616		D-4	
D617		A-3	
D624		F-2	
D801		C-7	
D803		F-6	
D814		E-9	
D815		B-8	
D816		A-9	
D824		E-5	
D825		E-5	
D1501		E-9	
D1502		F-5	
D1503		E-10	
D1504		F-9	
D1505		F-5	
D1506		E-9	
D2506		D-7	
D2507		E-7	
D2508		D-6	
D2509		E-3	
D2510		B-5	
D2511		C-5	
D2512		F-4	
D2515		F-4	
D2524		F-3	
D2526		F-1	
D2527		F-1	

TRANSISTOR	
Q600	C-4
Q601	E-1
Q602	E-1
Q604	F-3
Q803	F-6
Q1501	F-9
Q1502	E-9
Q1503	E-9
Q1504	F-9
Q2501	F-4
Q2502	D-5
Q2503	E-4
Q2505	E-4
Q2591	D-6

DIODE	
D601	B-4
D602	D-4
D604	C-2
D606	D-4
D607	C-2
D608	E-2
D609	D-2
D610	B-3

NOTE:
The circuit indicated at left contains high voltage of over 600 Vp-p. Please pay attention when inspecting or repairing it to prevent an electric shock.

SECTION 7
ELECTRICAL PARTS LIST

C

C

D

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

- NOTE:

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

When indicating parts by reference number, please include the board name.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS
• All resistors are in ohms
• F : nonflammable

CAPACITORS
• MF : μ F, PF : μ μ F

COILS
• MMH : μ H, UH : μ H

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	* A-1331-636-A	MOUNTED PCB, C *****				<COIL>	
	4-352-844-01	PIN, LEAD, COATING		L701	1-410-667-31	INDUCTOR 22UH	
		<CAPACITOR>		L703	1-408-420-00	INDUCTOR 82UH	
C701	1-162-114-00	CERAMIC	0.0047MF 2KV	L705	1-408-420-00	INDUCTOR 82UH	
C702	Δ 1-102-074-00	CERAMIC	0.001MF 10% 50V	L707	1-408-420-00	INDUCTOR 82UH	
C704	1-130-202-00	FILM	0.022MF 5% 400V			<TRANSISTOR>	
C708	1-163-197-00	CERAMIC CHIP	470PF 10% 50V	Q701	8-729-326-11	TRANSISTOR 2SC2611	
C709	1-163-005-11	CERAMIC CHIP	470PF 10% 50V	Q702	8-729-326-11	TRANSISTOR 2SC2611	
C710	1-163-005-11	CERAMIC CHIP	470PF 10% 50V	Q703	8-729-326-11	TRANSISTOR 2SC2611	
C711	1-101-880-00	CERAMIC	47PF 5% 50V	Q704	8-729-326-11	TRANSISTOR 2SC2611	
C712	1-163-123-00	CERAMIC CHIP	180PF 5% 50V	Q705	8-729-326-11	TRANSISTOR 2SC2611	
C713	1-163-119-00	CERAMIC CHIP	120PF 5% 50V	Q706	8-729-326-11	TRANSISTOR 2SC2611	
C714	1-163-119-00	CERAMIC CHIP	120PF 5% 50V	Q707	8-729-200-17	TRANSISTOR 2SA1091-O	
C716	1-107-910-11	ELECT	100MF 20% 50V	Q708	8-729-200-17	TRANSISTOR 2SA1091-O	
C717	1-107-651-11	ELECT	4.7MF 20% 250V	Q709	8-729-200-17	TRANSISTOR 2SA1091-O	
		<CONNECTOR>		Q710	8-729-920-74	TRANSISTOR 2SC2412K-QR	
CN701	* 1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P		Q711	8-729-920-74	TRANSISTOR 2SC2412K-QR	
CN703	1-564-511-11	PLUG, CONNECTOR 8P		Q712	8-729-920-74	TRANSISTOR 2SC2412K-QR	
CN704	1-695-915-11	TAB (CONTACT)		Q713	8-729-026-49	TRANSISTOR 2SA1037AK	
CN705	1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P		Q714	8-729-255-12	TRANSISTOR 2SC2551-O	
		<DIODE>				<RESISTOR>	
D701	8-719-911-19	DIODE 1SS119		R701	1-214-925-00	CARBON	330K 5% 1/2W
D702	8-719-911-19	DIODE 1SS119		R702	1-249-496-11	CARBON	100K 5% 1/2W
D703	8-719-911-19	DIODE 1SS119		R703	1-249-496-11	CARBON	100K 5% 1/2W
D704	8-719-911-19	DIODE 1SS119		R705	1-216-398-11	METAL OXIDE	5.6 5% 3W F
D705	8-719-911-19	DIODE 1SS119		R706	1-216-398-11	METAL OXIDE	5.6 5% 3W F
D706	8-719-911-19	DIODE 1SS119		R707	1-249-425-11	CARBON	4.7K 5% 1/4W
D707	8-719-911-19	DIODE 1SS119		R708	1-249-425-11	CARBON	4.7K 5% 1/4W
D708	8-719-911-19	DIODE 1SS119		R709	1-249-425-11	CARBON	4.7K 5% 1/4W
D709	8-719-911-19	DIODE 1SS119		R710	1-215-899-11	METAL OXIDE	15K 5% 2W F
D710	8-719-911-19	DIODE 1SS119		R711	1-247-754-11	CARBON	1.5K 5% 1/2W
D713	8-719-908-03	DIODE GP08D		R712	1-215-899-11	METAL OXIDE	15K 5% 2W F
		<JACK>		R713	1-247-754-11	CARBON	1.5K 5% 1/2W
J701	Δ 1-526-990-11	SOCKET, CRT		R714	1-215-899-11	METAL OXIDE	15K 5% 2W F
		<CHIP CONDUCTOR>		R715	1-247-754-11	CARBON	1.5K 5% 1/2W
JR701	1-216-296-91	CONDUCTOR, CHIP (3216)		R716	1-249-899-11	CARBON	100 5% 1/4W F
JR703	1-216-296-91	CONDUCTOR, CHIP (3216)		R717	1-249-405-11	CARBON	100 5% 1/4W F
				R718	1-249-899-11	CARBON	100 5% 1/4W F
				R720	1-249-417-11	CARBON	1K 5% 1/4W F
				R722	1-249-923-11	CARBON	1K 5% 1/4W F
				R724	1-249-417-11	CARBON	1K 5% 1/4W F
				R725	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
				R726	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
				R727	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
				R728	1-216-035-00	METAL GLAZE	270 5% 1/10W
				R729	1-216-035-00	METAL GLAZE	270 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R730	1-216-035-00	METAL GLAZE	270 5% 1/10W		* A-1346-551-A	D COMPLETE PCB *****	
R731	1-216-017-91	METAL GLAZE	47 5% 1/10W				
R732	1-216-017-91	METAL GLAZE	47 5% 1/10W		* 4-374-846-11	COVER,CAPACITOR, CAP TYPE	
R733	1-216-017-91	METAL GLAZE	47 5% 1/10W		4-382-854-11	SCREW (M3X10), P, SW(+)	
R734	Δ 1-247-739-11	CARBON	100 5% 1/2W			<CAPACITOR>	
R735	1-216-049-91	METAL GLAZE	1K 5% 1/10W	C601	1-124-122-11	ELECT	100MF 20% 50V
R738	1-216-025-91	METAL GLAZE	100 5% 1/10W	C602	1-124-667-11	ELECT	10MF 20% 100V
R739	1-216-025-91	METAL GLAZE	100 5% 1/10W	C603	1-126-934-11	ELECT	220MF 20% 16V
R740	1-216-025-91	METAL GLAZE	100 5% 1/10W	C604	1-102-824-00	CERAMIC	470pF 5% 50V
R741	1-216-089-91	METAL GLAZE	47K 5% 1/10W	C605	1-136-619-11	FILM	0.0016MF 3% 2KV
R742	1-216-295-91	CONDUCTOR, CHIP (2012)		C606	1-164-002-11	CERAMIC	330pF 10% 400V
R743	1-249-434-11	CARBON	27K 5% 1/4W	C607	1-102-002-00	CERAMIC	680pF 10% 500V
R747	1-216-489-11	METAL OXIDE	27K 5% 3W F	C608	1-107-885-11	ELECT	3300MF 20% 16V
R749	1-216-927-00	METAL OXIDE	47 5% 3W F	C609	1-107-928-11	ELECT	4.7MF 20% 100V
R751	1-215-926-00	METAL OXIDE	33K 5% 3W F	C610	1-161-754-00	CERAMIC	0.001MF 10% 3KV
R753	1-216-073-00	METAL GLAZE	10K 5% 1/10W	C611	1-102-002-00	CERAMIC	680pF 10% 500V
R755	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W	C612	1-102-002-00	CERAMIC	680pF 10% 500V
R756	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W	C613	1-125-494-11	ELECT(BLOCK)	560MF 20% 160V
R757	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W	C614	1-124-962-11	ELECT	2200MF 20% 25V
R758	1-249-419-11	CARBON	1.5K 5% 1/4W	C615	1-128-550-11	ELECT	2200MF 20% 50V
R759	1-249-419-11	CARBON	1.5K 5% 1/4W	C616	1-136-103-00	FILM	0.1MF 5% 200V
R760	1-249-419-11	CARBON	1.5K 5% 1/4W F	C617	1-126-163-11	ELECT	4.7MF 20% 50V
		<VARIABLE RESISTOR>		C618	1-124-122-11	ELECT	100MF 20% 50V
RV701	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M		C619	1-164-002-11	CERAMIC	330pF 10% 400V
RV702	Δ 1-241-656-21	RES, ADJ, METAL FILM 110M		C620	1-102-002-00	CERAMIC	680pF 10% 500V
				C621	1-102-002-00	CERAMIC	680pF 10% 500V
				C623	1-102-002-00	CERAMIC	680pF 10% 500V
				C624	1-107-930-91	ELECT	22MF 20% 50V
				C632	1-137-423-11	MYLAR	0.15MF 10% 100V
				C683	1-124-478-11	ELECT	100MF 20% 25V
				C684	1-124-478-11	ELECT	100MF 20% 25V
				C808	1-162-114-00	CERAMIC	0.0047MF 2KV
				C814	1-126-933-11	ELECT	100MF 20% 16V
				C816	1-102-244-00	CERAMIC	220pF 10% 500V
				C818	1-137-577-11	FILM	0.068MF 5% 400V
				C835	1-124-480-11	ELECT	470MF 20% 25V
				C836	1-102-228-00	CERAMIC	470pF 10% 500V
				C839	1-123-950-00	ELECT	47MF 20% 250V
				C840	1-124-480-11	ELECT	470MF 20% 25V
				C841	1-102-228-00	CERAMIC	470pF 10% 500V
				C842	1-106-387-00	MYLAR	0.068MF 10% 200V
				C846	1-123-024-21	ELECT	33MF 160V
				C863	1-106-383-00	MYLAR	0.047MF 10% 100V
				C875	1-102-038-00	CERAMIC	0.001MF 500V
				C877	1-124-902-00	ELECT	0.47MF 20% 50V
				C1501	1-102-074-00	CERAMIC	0.001MF 10% 50V
				C1502	1-124-903-11	ELECT	1MF 20% 50V
				C1503	1-102-074-00	CERAMIC	0.001MF 10% 50V
				C1504	1-124-480-11	ELECT	470MF 20% 25V
				C1505	1-124-911-11	ELECT	220MF 20% 50V
				C1506	1-136-171-00	FILM	0.33MF 5% 50V
				C1507	1-137-423-11	MYLAR	0.15MF 10% 100V
				C1509	1-109-953-11	ELECT	2.2MF 20% 50V
				C1511	1-126-964-11	ELECT	10MF 20% 50V
				C1512	1-124-006-11	ELECT	10MF 20% 25V

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

D

REF.NO.	PART NO.	DESCRIPTION	REMARK
C1514	1-124-463-00	ELECT	0.1MF 20% 50V
C1515	1-124-463-00	ELECT	0.1MF 20% 50V
C1518	1-104-666-11	ELECT	220MF 20% 10V
C1579	1-107-902-11	ELECT	1MF 20% 50V
C2507	1-107-652-11	ELECT	10MF 20% 250V
C2508	1-129-898-00	FILM	0.0022MF 10% 630V
C2514	1-102-244-00	CERAMIC	220pF 10% 500V
C2515	1-106-359-00	MYLAR	0.0047MF 10% 100V
C2516	1-130-467-00	MYLAR	470pF 5% 50V
C2517	1-162-116-00	CERAMIC	680pF 10% 2KV
C2518	1-162-116-00	CERAMIC	680pF 10% 2KV
C2519 Δ	1-136-897-11	FILM	0.021MF 3% 2KV
C2520	1-162-134-11	CERAMIC	470pF 10% 2KV
C2521 Δ	1-129-724-00	FILM	0.068MF 10% 630V
C2522	1-108-700-11	MYLAR	0.047MF 10% 200V
C2523	1-102-002-00	CERAMIC	680pF 10% 500V
C2524	1-102-212-00	CERAMIC	820pF 10% 500V
C2525	1-126-163-11	ELECT	4.7MF 20% 50V
C2526	1-106-395-00	MYLAR	0.15MF 10% 200V
C2527	1-124-341-00	ELECT	1MF 20% 200V
C2528	1-136-598-11	FILM	3MF 5% 200V
C2529	1-106-343-00	MYLAR	0.001MF 10% 100V
C2530	1-136-109-00	FILM	0.68MF 5% 200V
C2540	1-130-475-00	MYLAR	0.0022MF 5% 50V
C2541	1-130-477-00	MYLAR	0.0033MF 5% 50V
C2542	1-130-469-00	MYLAR	680pF 5% 50V
C2543	1-104-666-11	ELECT	220MF 20% 25V
C2545	1-126-963-11	ELECT	4.7MF 20% 50V
C2547	1-102-112-00	CERAMIC	330pF 10% 50V
C2548 Δ	1-162-116-00	CERAMIC	680pF 10% 2KV
C2561	1-162-815-11	CERAMIC	47pF 5% 500V
<CONNECTOR>			
CN518 *	1-564-509-11	PLUG, CONNECTOR	6P
CN520 *	1-764-607-11	CONNECTOR, BOARD TO BOARD	8P
CN526 *	1-764-607-11	CONNECTOR, BOARD TO BOARD	8P
CN0500*	1-564-506-11	PLUG, CONNECTOR	3P
CN0506*	1-764-607-11	CONNECTOR, BOARD TO BOARD	8P
CN0521*	1-508-768-00	PIN, CONNECTOR (5MM PITCH)	6P
CN0522	1-764-610-11	CONNECTOR, BOARD TO BOARD	10P
CN0523	1-764-610-11	CONNECTOR, BOARD TO BOARD	10P
CN0524*	1-564-506-11	PLUG, CONNECTOR	3P
CN0525*	1-695-294-11	PIN, CONNECTOR (PC BOARD)	6P
CN0528 *	1-564-506-11	PLUG, CONNECTOR	3P
CN0529	1-508-784-00	PIN, CONNECTOR (5MM PITCH)	1P
<DIODE>			
D601	8-719-110-04	DIODE	RD7.5ESB3
D602	8-719-312-61	DIODE	EU-1Z
D604	8-719-510-37	DIODE	D5LC20U
D606	8-806-326-11	DIODE	EU2
D607	8-719-510-73	DIODE	S3L20UF4
D608	8-806-326-11	DIODE	EU2
D609	8-719-312-10	DIODE	RU4AM-T3
D610	8-719-312-26	DIODE	EG01

REF.NO.	PART NO.	DESCRIPTION	REMARK
D611	8-719-510-37	DIODE	D5LC20U
D612	8-719-110-02	DIODE	RD7.5ESB1
D613	8-719-908-03	DIODE	GP08D
D614	8-719-911-19	DIODE	ISS119-25
D615	8-719-911-19	DIODE	ISS119-25
D616	8-719-302-43	DIODE	EL1Z
D617	8-719-908-03	DIODE	GP08D
D618	8-719-016-42	DIODE	MC932TP
D801	8-719-018-82	DIODE	RGP02-20EL-6394
D803	8-719-911-19	DIODE	ISS119-25
D814	8-719-979-85	DIODE	EGP20G
D815	8-719-302-43	DIODE	EL1Z
D816	8-719-979-85	DIODE	EGP20G
D824	8-719-028-72	DIODE	RGP02-17EL-6433
D825	8-719-911-19	DIODE	ISS119-25
D1501	8-719-911-19	DIODE	ISS119-25
D1502	8-719-110-78	DIODE	RD33ESB2
D1503	8-719-908-03	DIODE	GP08D
D1504	8-719-109-68	DIODE	RD3.6ESB1
D1505	8-719-911-19	DIODE	ISS119-25
D1506	8-719-911-19	DIODE	ISS119-25
D2506	8-719-945-80	DIODE	ERC06-15S
D2507	8-719-945-80	DIODE	ERC06-15S
D2508	8-719-900-26	DIODE	ERD29-08J
D2509	8-719-302-43	DIODE	EL1Z
D2510	8-719-908-03	DIODE	GP08D
D2511	8-719-908-03	DIODE	GP08D
D2512	8-719-109-84	DIODE	RD5.1ESB1
D2515	8-719-911-19	DIODE	ISS119-25
D2524	8-719-911-19	DIODE	ISS119-25
D2526	8-719-911-19	DIODE	ISS119-25
D2527	8-719-911-19	DIODE	ISS119-25

<FERRITE BEAD>

FB600	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB601	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB602	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB603	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB604	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB605	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB2501	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH
FB2502	1-410-397-21	FERRITE BEAD	INDUCTOR 1.1UH

<IC>

IC303	8-759-518-68	IC	PQ12RF21
IC600	8-749-923-50	PHOTO COUPLER	PC111YS
IC601 Δ	8-749-010-92	IC	STR-S6709
IC602	8-749-920-61	IC	SE-135N
IC1501	8-759-192-71	IC	STV9379
IC2504	8-759-729-03	IC	NJM2903D

REF.NO.	PART NO.	DESCRIPTION	REMARK
<COIL>			
L600	Δ 1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
L601	Δ 1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH	
L605	1-412-527-11	INDUCTOR 15UH	
L606	1-412-527-11	INDUCTOR 15UH	
L607	1-412-539-11	INDUCTOR 150UH	
L801	1-459-104-00	COIL, WITH CORE	
L811	1-412-519-11	INDUCTOR 3.3UH	
L813	1-412-519-11	INDUCTOR 3.3UH	
L1501	1-412-525-31	INDUCTOR 10UH	
L1502	1-412-525-31	INDUCTOR 10UH	
L1503	1-412-525-31	INDUCTOR 10UH	
L2505	1-459-104-00	COIL, WITH CORE	
L2506	1-422-613-11	COIL, AIR CORE	
L2508	1-412-553-11	INDUCTOR 3.3mH	
L2509	Δ 1-409-861-11	COIL, HORIZONTAL LINEARITY	
L2510	1-406-607-11	COIL, CHOKER 15mH	
<TRANSISTOR>			
Q600	8-729-028-34	TRANSISTOR 2SD1640Q,R	
Q601	8-729-203-79	TRANSISTOR 2SA1315-Y	
Q602	8-729-805-05	TRANSISTOR 2SC3601-E	
Q603	8-729-900-80	TRANSISTOR DTC114ES	
Q604	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q803	8-729-200-17	TRANSISTOR 2SA1091-O	
Q1501	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q1502	8-729-900-80	TRANSISTOR DTC114ES	
Q1503	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q1504	8-729-900-80	TRANSISTOR DTC114ES	
Q2501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q2502	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q2503	8-729-017-06	TRANSISTOR 2SC4793	
Q2505	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q2591	8-729-016-32	TRANSISTOR 2SC4927-01	
<RESISTOR>			
R601	1-215-875-11	METAL OXIDE 10K	5% 1W F
R602	1-249-417-11	CARBON 1K	5% 1/4W
R603	1-215-901-00	METAL OXIDE 33K	5% 2W F
R604	1-216-380-11	METAL OXIDE 8.2	5% 2W F
R606	1-216-422-11	METAL OXIDE 18	5% 1W F
R607	1-247-843-11	CARBON 3.3K	5% 1/4W
R608	1-247-863-91	CARBON 22K	5% 1/4W
R609	1-260-105-11	CARBON 3.3K	5% 1/2W
R610	1-260-072-11	CARBON 4.7	5% 1/2W
R611	Δ 1-202-933-61	FUSIBLE 0.1	10% 1/2W F
R612	1-247-852-11	CARBON 7.5K	5% 1/4W
R613	1-216-392-11	METAL OXIDE 1.8	5% 3W F
R614	1-249-425-11	CARBON 4.7K	5% 1/4W
R615	1-249-377-11	CARBON 0.47	5% 1/4W F
R616	1-249-899-11	CARBON 100	5% 1/4W F
R617	1-216-392-11	METAL OXIDE 1.8	5% 3W F
R618	1-217-190-21	WIRE WOUND 0.15	10% 2W F
R619	1-247-807-31	CARBON 100	5% 1/4W
R620	1-249-425-11	CARBON 4.7K	5% 1/4W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R621	1-249-378-11	CARBON 0.56	5% 1/4W F
R622	1-249-420-11	CARBON 1.8K	5% 1/4W
R623	1-215-446-00	METAL 11K	1% 1/4W
R624	Δ 1-211-761-11	FUSIBLE 0.1	10% 1/2W
R625	Δ 1-532-845-21	LINK, IC	
R626	Δ 1-219-134-11	FUSIBLE 0.1	10% 1/4W
R690	1-249-416-11	CARBON 820	5% 1/4W
R804	1-217-778-11	FUSIBLE 1K	5% 1W F
R810	1-249-399-11	CARBON 33	5% 1/4W
R836	1-249-439-11	CARBON 68K	5% 1/4W
R853	1-249-443-11	CARBON 0.47	5% 1/4W F
R854	1-219-119-11	FUSIBLE 0.1	5% 1/4W F
R855	1-215-869-11	METAL OXIDE 1K	5% 1W F
R858	1-215-437-00	METAL 4.7K	1% 1/4W
R860	1-249-438-11	CARBON 56K	5% 1/4W
R861	1-249-438-11	CARBON 56K	5% 1/4W
R868	1-249-429-11	CARBON 10K	5% 1/4W
R871	1-260-119-11	CARBON 47K	5% 1/2W
R876	1-249-421-11	CARBON 2.2K	5% 1/4W F
R884	1-247-887-00	CARBON 220K	5% 1/4W
R885	1-249-443-11	CARBON 0.47	5% 1/4W F
R886	1-216-370-11	METAL OXIDE 1.2	5% 2W F
R887	1-249-422-11	CARBON 2.7K	5% 1/4W F
R890	1-247-883-00	CARBON 150K	5% 1/4W
R892	1-249-425-11	CARBON 4.7K	5% 1/4W
R894	1-247-897-11	CARBON 560K	5% 1/4W
R895	1-249-432-11	CARBON 18K	5% 1/4W
R898	1-247-895-91	CARBON 470K	5% 1/4W
R1501	1-215-445-00	METAL 10K	1% 1/4W
R1502	1-215-435-00	METAL 3.9K	1% 1/4W
R1503	1-249-425-11	CARBON 4.7K	5% 1/4W
R1504	1-247-863-91	CARBON 22K	5% 1/4W
R1505	1-247-863-91	CARBON 22K	5% 1/4W
R1506	1-249-421-11	CARBON 2.2K	5% 1/4W
R1508	1-215-452-00	METAL 20K	1% 1/4W
R1509	1-249-435-11	CARBON 33K	5% 1/4W
R1511	1-215-912-11	METAL OXIDE 150	5% 3W F
R1512	1-216-370-11	METAL OXIDE 1.2	5% 2W F
R1514	1-249-417-11	CARBON 1K	5% 1/4W
R1515	1-249-383-11	CARBON 1.5	5% 1/4W F
R1550	1-247-887-00	CARBON 220K	5% 1/4W
R1551	1-249-425-11	CARBON 4.7K	5% 1/4W
R1552	1-247-887-00	CARBON 220K	5% 1/4W
R2501	1-249-385-11	CARBON 2.2	5% 1/4W F
R2502	1-249-417-11	CARBON 1K	5% 1/4W
R2503	1-215-885-00	METAL OXIDE 68	5% 2W F
R2506	1-215-911-11	METAL OXIDE 100	5% 3W F
R2507	1-249-429-11	CARBON 10K	5% 1/4W
R2512	1-249-389-11	CARBON 4.7	5% 1/4W F
R2514	1-249-425-11	CARBON 4.7K	5% 1/4W
R2515	1-216-346-00	METAL OXIDE 0.56	5% 1W F
R2516	1-249-401-11	CARBON 47	5% 1/4W
R2517	1-215-918-00	METAL OXIDE 1.5K	5% 3W F
R2518	1-215-918-00	METAL OXIDE 1.5K	5% 3W F
R2519	1-247-722-11	CARBON 5.6K	5% 1/4W F
R2520	1-247-843-11	CARBON 3.3K	5% 1/4W

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

D

VM

REF.NO.	PART NO.	DESCRIPTION	REMARK
R2521	1-249-411-11	CARBON 330 5%	1/4W
R2522	1-215-888-00	METAL OXIDE 220 5%	2W F
R2523	1-215-865-11	METAL OXIDE 220 5%	1W F
R2525	1-215-884-11	METAL OXIDE 47 5%	2W F
R2527	1-215-861-00	METAL OXIDE 47 5%	1W F
R2528	1-247-750-11	CARBON 680 5%	1/2W F
R2543	1-249-419-11	CARBON 1.5K 5%	1/4W
R2546	1-247-895-91	CARBON 470K 5%	1/4W
R2547	1-247-893-11	CARBON 390K 5%	1/4W
R2556	1-249-411-11	CARBON 330 5%	1/4W
R2557	1-249-415-11	CARBON 680 5%	1/4W F
R2561	1-249-429-11	CARBON 10K 5%	1/4W
R2562	1-215-434-00	METAL 3.6K 1%	1/4W
R2563	1-215-417-00	METAL 680 1%	1/4W
R2564	1-247-863-91	CARBON 22K 5%	1/4W
R2566	1-249-435-11	CARBON 33K 5%	1/4W
R2580	1-249-411-11	CARBON 330 5%	1/4W

<SWITCH>

S2501	1-572-707-11	SWITCH, LEVER
S2502	1-572-707-11	SWITCH, LEVER

<TRANSFORMER>

T601	Δ 1-429-177-11	TRANSFORMER, CONVERTER (SRT)
T801	Δ 8-598-916-10	TRANSFORMER, FLYBACK NX-2603
T804	1-413-059-00	TRANSFORMER, FERRITE (DFT)
T2502	1-437-195-11	TRANSFORMER, HORIZONTAL DRIVE
T2503	1-424-545-11	TRANSFORMER, FERRITE (PMT)

REF.NO.	PART NO.	DESCRIPTION	REMARK
	* A-1342-292-A	MOUNTED PCB, VM *****	
	4-352-844-01	PIN, LEAD, COATING	
	4-382-854-11	SCREW (M3X10), P, SW (+)	

<CAPACITOR>

C1751	1-102-114-00	CERAMIC 470pF	10% 50V
C1761	1-161-830-00	CERAMIC 0.0047MF	500V
C1762	1-102-951-00	CERAMIC 15pF	5% 50V
C1763	1-123-935-00	ELECT 33MF	20% 160V
C1764	1-126-933-11	ELECT 100MF	20% 16V
C1768	1-106-383-00	MYLAR 0.047MF	10% 200V
C1769	1-107-667-11	ELECT 2.2MF	20% 160V
C1770	1-104-999-11	MYLAR 0.1MF	10% 200V
C1771	1-104-396-11	ELECT 10MF	20% 16V
C1772	1-124-119-00	ELECT 330MF	20% 16V
C1773	1-106-383-00	MYLAR 0.047MF	10% 200V
C1774	1-102-959-00	CERAMIC 22pF	5% 50V
C1775	1-126-933-11	ELECT 100MF	20% 16V
C1776	1-104-396-11	ELECT 10MF	20% 16V
C1777	1-101-888-00	CERAMIC 68pF	5% 50V
C1778	1-130-471-00	MYLAR 0.001MF	5% 50V
C1779	1-130-471-00	MYLAR 0.001MF	5% 50V
C1780	1-104-396-11	ELECT 10MF	20% 16V

<CONNECTOR>

CN1761*	1-564-509-11	PLUG, CONNECTOR 6P
CN1762*	1-564-507-11	PLUG, CONNECTOR 4P

<DIODE>

D1761	8-719-911-19	DIODE 1SS119-25
D1763	8-719-911-19	DIODE 1SS119-25
D1764	8-719-911-19	DIODE 1SS119-25
D1767	8-719-110-88	DIODE RD39ESB2
D1768	8-719-110-88	DIODE RD39ESB2

<COIL>

L1761	1-410-095-11	INDUCTOR 47mH
L1762	1-408-416-00	INDUCTOR 39UH

<TRANSISTOR>

Q1756	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1761	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1762	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q1763	8-729-017-05	TRANSISTOR 2SA1837
Q1764	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1765	8-729-017-06	TRANSISTOR 2SC4793
Q1766	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q1767	8-729-142-86	TRANSISTOR 2SC3733



REF.NO.	PART NO.	DESCRIPTION	REMARK		
<RESISTOR>					
R1736	1-249-419-11	CARBON	1.5K	5%	1/4W
R1751	1-249-434-11	CARBON	27K	5%	1/4W
R1752	1-249-415-11	CARBON	680	5%	1/4W
R1753	1-249-421-11	CARBON	2.2K	5%	1/4W
R1754	1-247-903-00	CARBON	1M	5%	1/4W
R1755	1-249-421-11	CARBON	2.2K	5%	1/4W
R1762	1-247-815-91	CARBON	220	5%	1/4W
R1764	1-247-734-11	CARBON	39	5%	1/2W F
R1765	1-249-414-11	CARBON	560	5%	1/4W F
R1766	1-249-418-11	CARBON	1.2K	5%	1/4W
R1768	1-249-418-11	CARBON	1.2K	5%	1/4W
R1769	1-249-384-11	CARBON	1.8	5%	1/4W F
R1770	1-249-435-11	CARBON	33K	5%	1/4W
R1772	1-249-432-11	CARBON	18K	5%	1/4W
R1774	1-215-912-11	METAL OXIDE	150	5%	3W F
R1775	1-249-417-11	CARBON	1K	5%	1/4W F
R1776	1-249-432-11	CARBON	18K	5%	1/4W
R1777	1-249-438-11	CARBON	56K	5%	1/4W
R1778	1-249-429-11	CARBON	10K	5%	1/4W
R1779	1-249-414-11	CARBON	560	5%	1/4W
R1780	1-249-419-11	CARBON	1.5K	5%	1/4W
R1781	1-249-410-11	CARBON	270	5%	1/4W
R1782	1-249-384-11	CARBON	1.8	5%	1/4W F
R1784	1-247-807-31	CARBON	100	5%	1/4W
R1785	1-249-400-11	CARBON	39	5%	1/4W F
R1786	1-249-435-11	CARBON	33K	5%	1/4W
R1787	1-249-428-11	CARBON	8.2K	5%	1/4W
R1788	1-249-417-11	CARBON	1K	5%	1/4W
R1789	1-249-413-11	CARBON	470	5%	1/4W
R1790	1-216-451-11	METAL OXIDE	120	5%	2W F
R1791	1-249-411-11	CARBON	330	5%	1/4W

[illegible]

