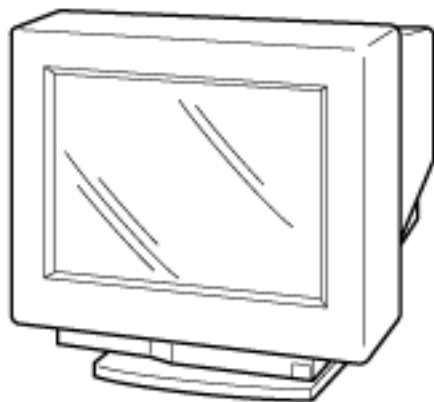


GDM-500PS/500PST/500PST9

SERVICE MANUAL

REVISED



GDM-500PS

US Model

Canadian Model

S. Hemisphere Model

Equator Model

Chassis No. SCC-L04E-A

GDM-500PST/GDM-500PST9

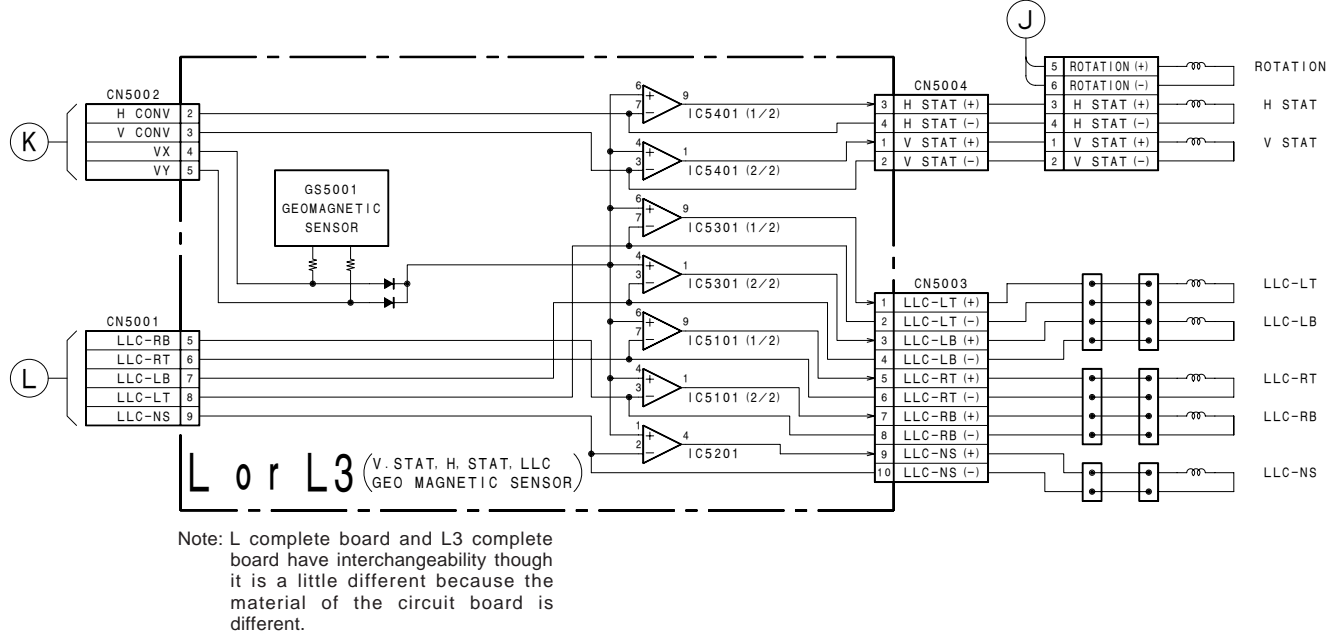
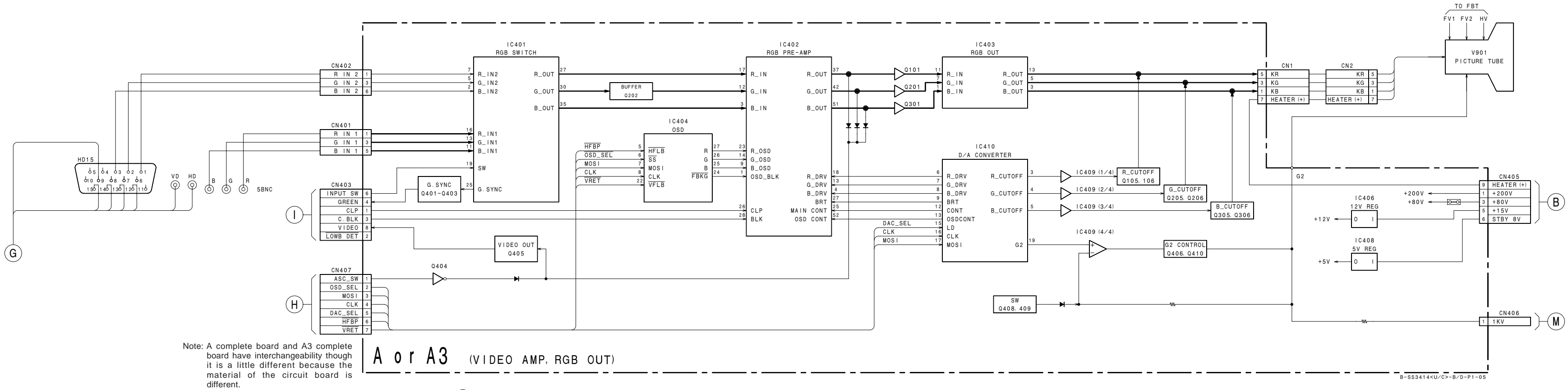
AEP Model

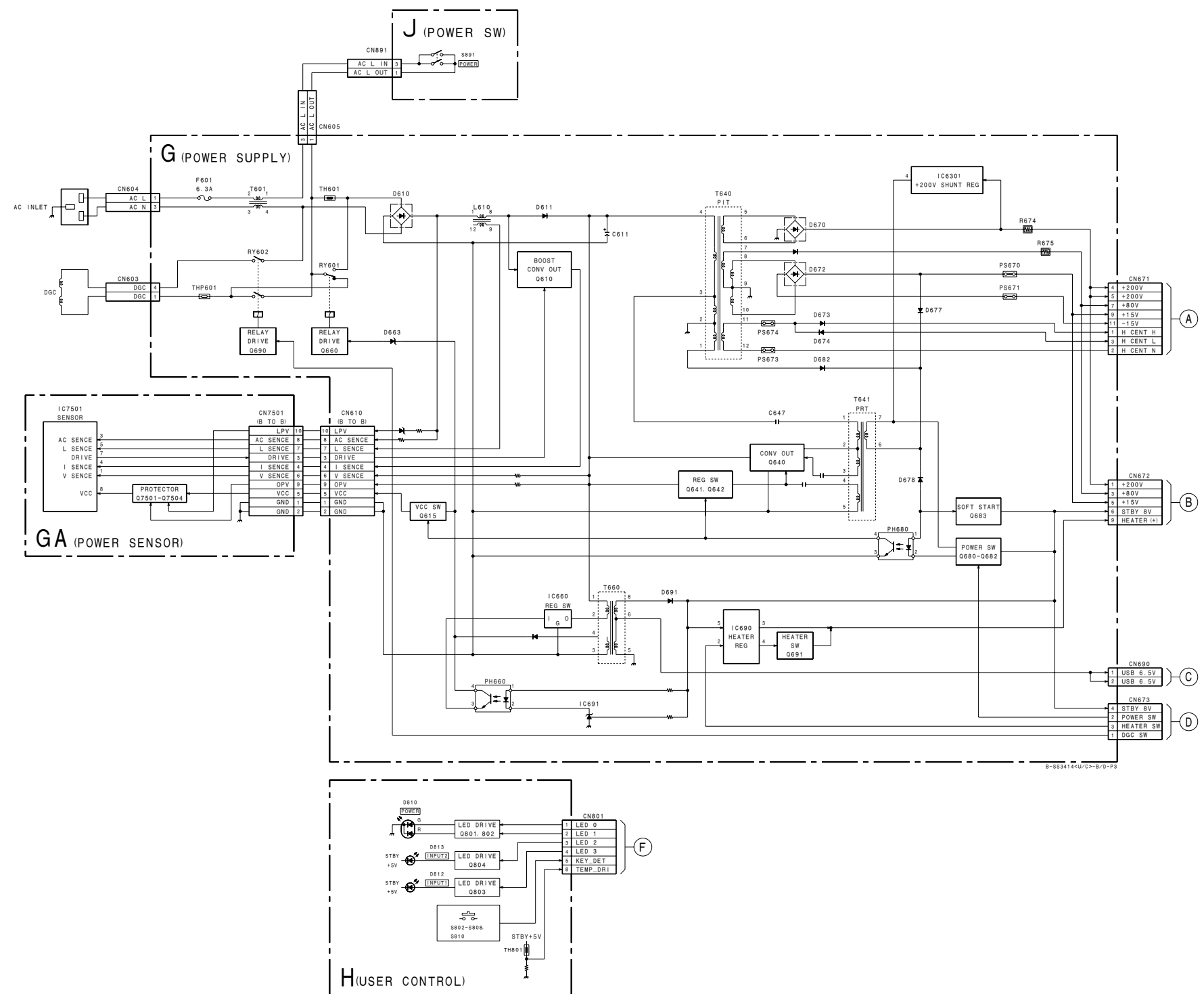
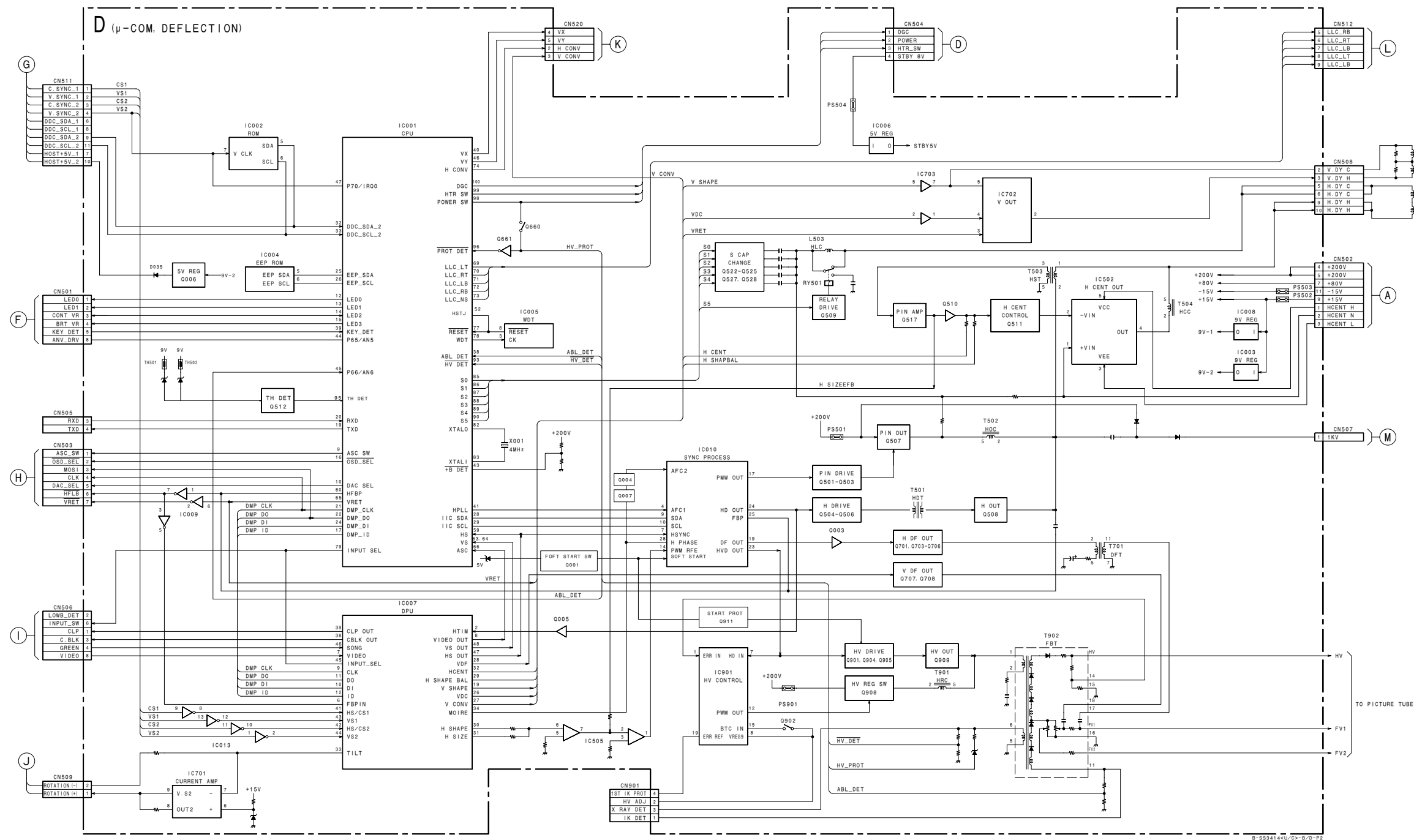
Chassis No. SCC-L04B-A

N3 CHASSIS

SECTION 5
DIAGRAMS

5-1. BLOCK DIAGRAMS





Note: A complete board and A3 complete board have interchangeability though it is a little different because the material of the circuit board is different.

Note: L complete board and L3 complete board have interchangeability though it is a little different because the material of the circuit board is different.




Diagram illustrating the components of a television chassis, showing various parts labeled with letters:

- D: Top panel
- L or L3: Top bezel
- A or A3: Top bezel
- G: Side panel
- GA: Side panel
- H: Bottom bezel
- J: Bottom bezel

Note: A complete board and A3 complete board have interchangeability though it is a little different because the material of the circuit board is different.


Note: L complete board and L3 complete board have interchangeability though it is a little different because the material of the circuit board is different.

Note: Les composants identifiés par un tramé et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

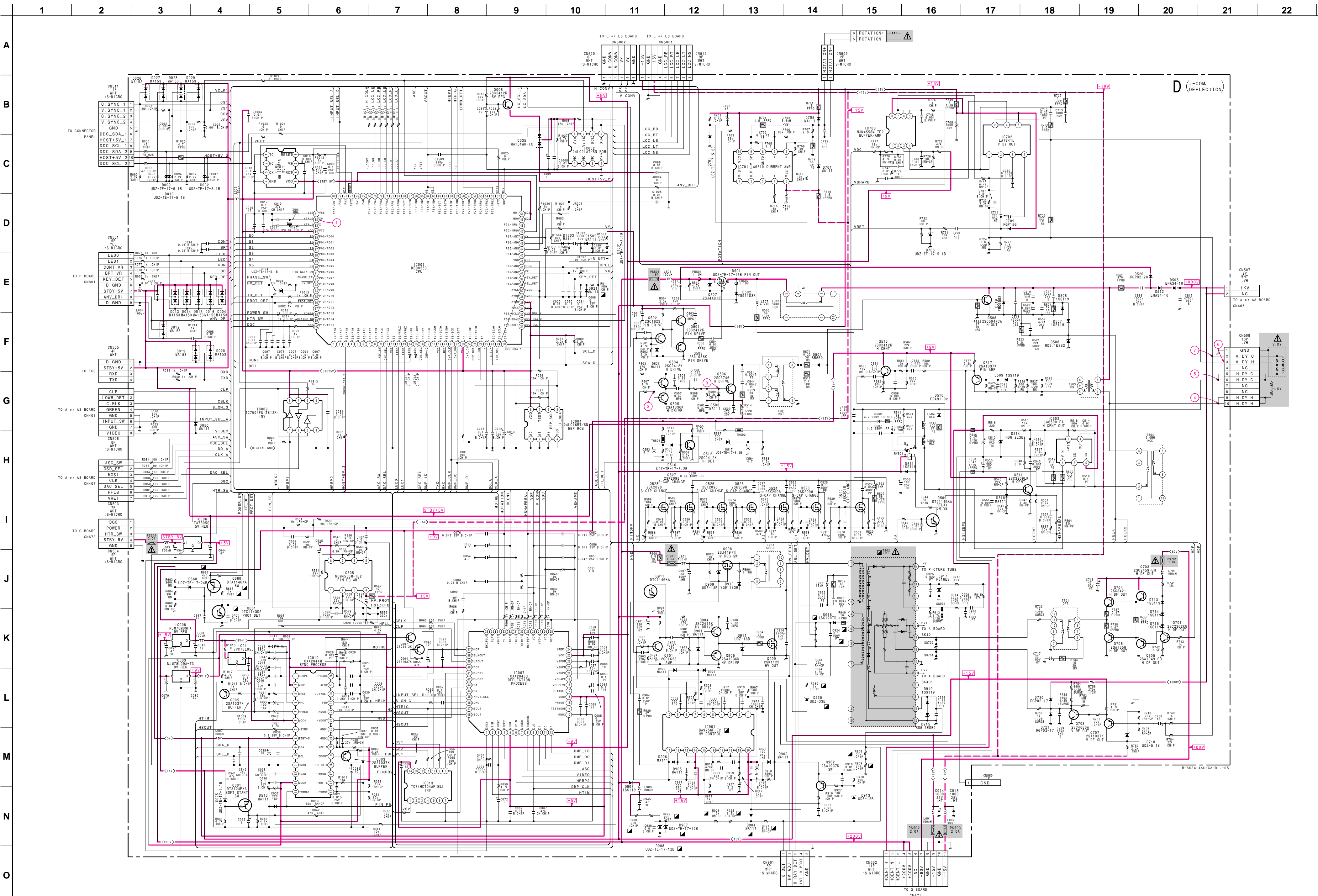
- Terminal name of semiconductors in silk screen printed circuit (*)**

Note:

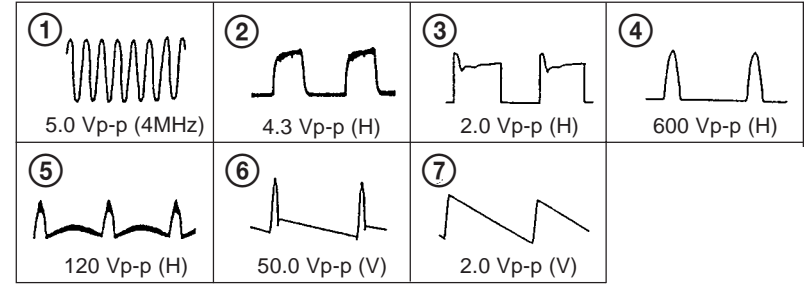
- All capacitors are in μF unless otherwise noted. (pF: μpF) Capacitors without voltage indication are all 50 V.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

- | | Part replaced () | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| HV Regulator Circuit Check | D Board | IC901, T902
• Mounted D board |
| HV Protector Circuit Check | D Board | Q660, Q661, D916, D935, C924, R665, R667, R940, R980, T902
• Mounted D board |
| | G Board | PH680, Q680, Q683, D680, R680, R685, R686, R687, R688, R689
• Mounted G board |
| Beam Current Protector Circuit Check | D Board | IC901, D904, D907, D908, R011, R908, R909, R921, R925, R926, R929, R930, T902
• Mounted D board |

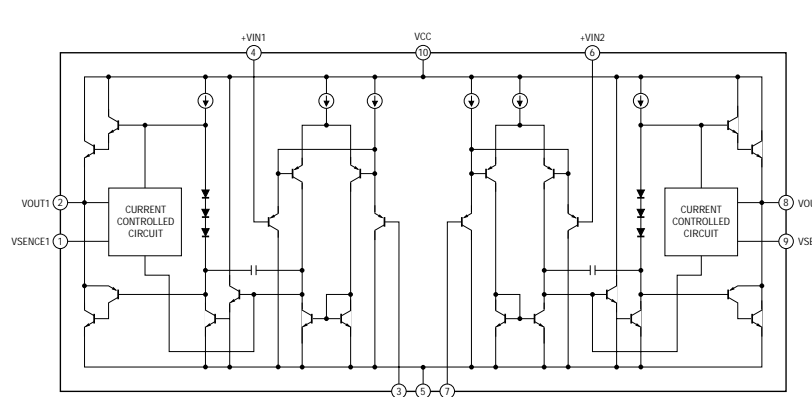
(Chip semiconductors that are not actually used are included.)



• D BOARD WAVEFORMS



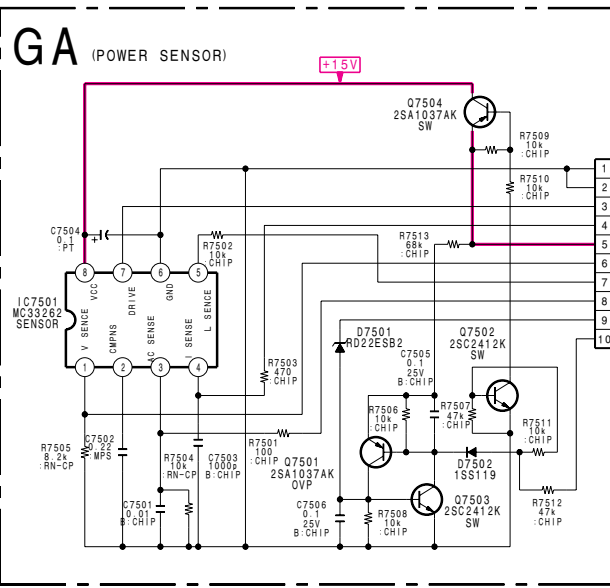
• D BOARD IC701 LA6510



• D BOARD VOLTAGE LIST

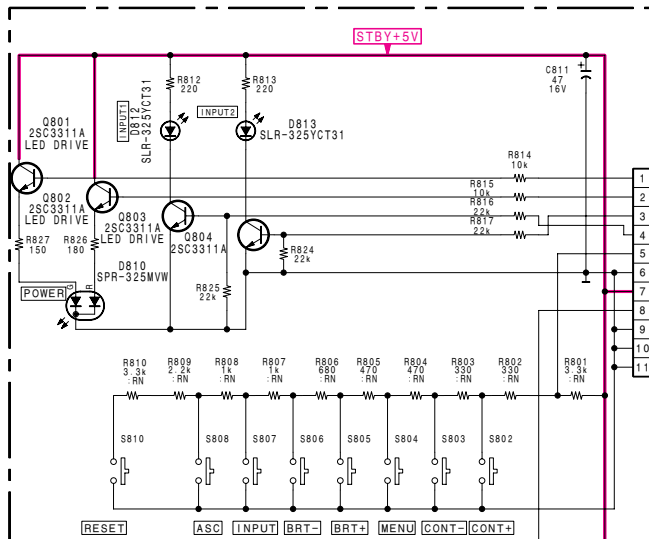
Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC002	5	1.1	11	0	
	6	4.2	11	11.2	
	7	0	15	0	
IC004	5	4.8	Q003	B	5.1
	6	4.8	C	0	
			E	5.7	
IC005	1	0.4	Q005	B	2.5
	3	0	C	0	
	7	1.5	E	5.7	
	8	4.8			
IC009	1	-0.1	Q501	B	11.2
	2	4.7	C	0	
	3	4.5	E	10.8	
	5	0.3	Q502	B	0.2
	6	0.3	C	11.2	
	7	4.5	E	10.9	
IC010	1	4.0	Q503	B	11.2
	3	3.0	C	10.9	
	4	2.8	Q504	B	2.5
	5	2.3	C	12.0	
	6	2.6	E	2.5	
	7	0.6	Q505	B	2.5
	9	4.8	C	2.4	
	12	5.4	Q506	B	-14.0
	14	5.4	C	-0.2	
	15	4.5	E	-14.0	
	17	0	Q507	G	197.4
	18	5.1	D	23	
	20	5.7			
	23	0.8	Q508	B	-1.4
	24	2.5	C	41.0	
	25	-0.1			
	26	4.0	Q509	B	0
	27	0.0	C	14.1	
	28	4.4			
IC012	5	0.6	Q510	B	4.5
	6	3.9	E	3.9	
	7	4.1	Q511	B	3.2
IC013	1	0	E	2.6	
	2	4.9	Q517	B	4.6
	8	0.6	E	5.1	
	9	3.6	Q522	G	0
	10	4.9	D	15.2	
	11	0			
	13	5.7			
IC014	1	3.5	Q523	G	4.7
	3	2.7	D	0	
	5	0	Q524	G	4.7
	10	0.1	D	0	
	12	4.9	Q525	G	4.7
	13	4.9	D	0	
	14	3.2	Q527	G	4.7
	15	3.9	D	0	
IC015	1	0.5	Q528	G	4.7
	2	4.2	D	0	
	3	0.5	Q660	B	4.2
	4	0.5	C	0	
	5	0	E	4.2	
	8	0			
	9	0	Q661	B	0
	13	0	C	4.2	
IC502	1	41.4	Q701	B	5.7
	2	41.4	C	36.0	
	3	33.7	E	5.1	
	4	42.3	Q703	B	37.9
	5	48.3	E	37.4	
IC605	1	4.5	Q704	B	37.4
	2	0	E	37.0	
	5	0	Q705	B	36.0
	6	0	E	36.6	
	7	-10.0			
IC701	1	14.2	Q706	B	36.6
	2	14.2	C	37.0	
	3	0	Q707	B	-0.6
	4	3.6	C	-5.0	
	6	3.0	E	0	
	7	3.0			
	8	-0.7	Q708	B	0.6
	9	-0.7	C	477.0	
IC702	2	0.4	Q901	B	0.1
	3	13.5	C	9.9	
	4	1.2	Q902	B	9.0
	5	1.2	C	0	
	7	-13.0	E	9.0	
IC703	1	1.2	Q904	B	8.6
	2	1.6	C	13.0	
	3	1.6	E	8.4	
	5	2.8			
	6	2.8	Q905	B	8.6
	7	2.8	E	8.4	
IC901	1	9.3	Q908	G	196.6
	2	5.0	D	40.1	
	4	1.1			
	6	0.9	Q909	G	8.4
	7	0.9	D	40.4	
	8	0			
	10	0			

A
B
C
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E
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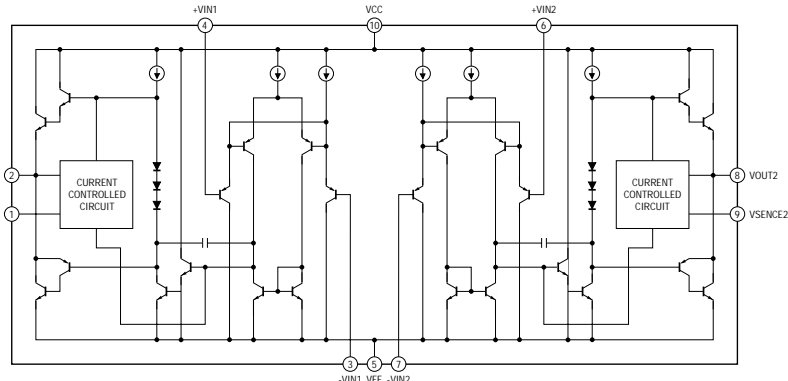


• GA BOARD VOLTAGE LIST

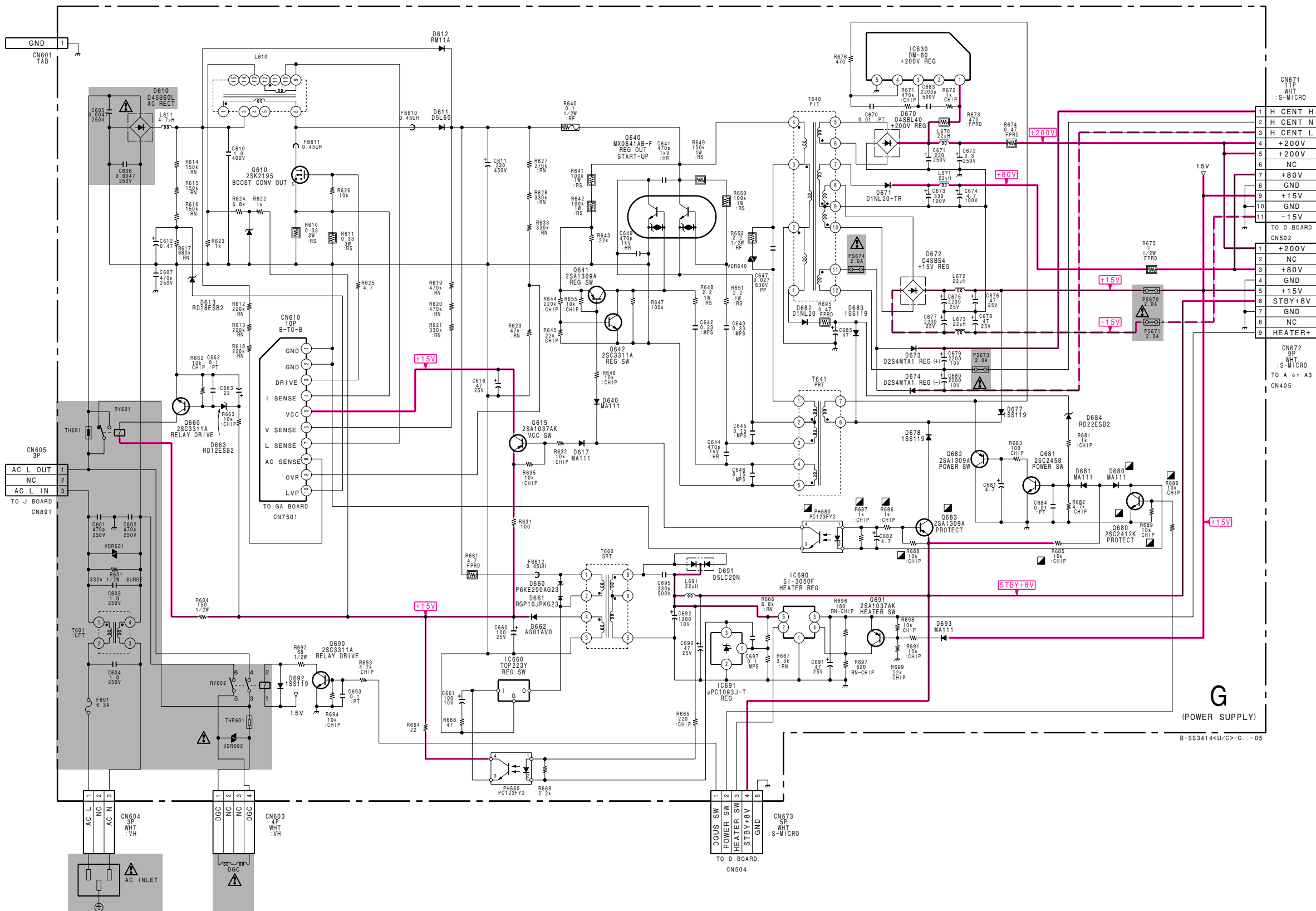
Ref.	Pin No.	Voltage [V]
IC7501	1	2.6
	2	2.5
	3	1.7
	4	0.2
	5	0
Q7501	B	14.0
	C	0
	E	14.0
Q7502	B	0.7
	C	0.1
Q7503	B	0
	C	14.0
Q7504	B	13.4



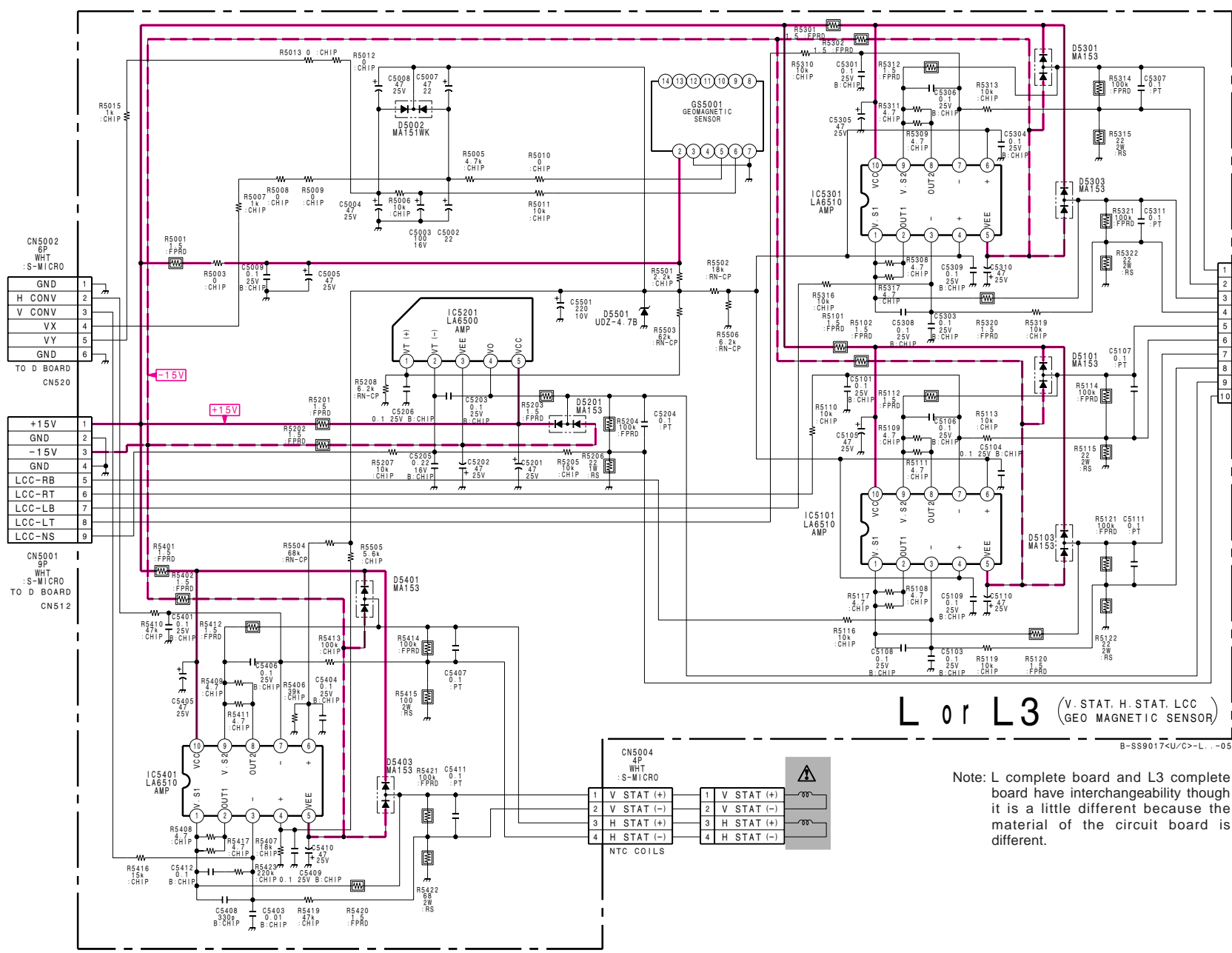
• L or L3 BOARD IC5101, 5301, 5401 LA6510



A
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G BOARD VOLTAGE LIST			
Ref.	Pin No.	Voltage [V]	
IC630	3	2.5	
	4	11.6	
IC660	IN	6.1	
	OUT	410.0	
IC690	2	5.0	
	3	6.7	
	4	6.3	
PH660	1	4.5	
	2	3.3	
	3	6.1	
PH680	4	16.7	
	1	1.3	
	2	0.1	
Q610	3	0	
	4	0.1	
Q615	G	8.7	
	D	102.4	
	S	0.2	
Q640	B	13.6	
	C	14.2	
	E	14.3	
Q641	B1	-2.0	
	C1	199.2	
	B2	196.8	
	C2	408.0	
	E2	199.2	
Q642	B	1.1	
	C	-2.0	
	E	2.0	
Q660	B	-1.8	
	C	-2.0	
Q680	B	0.9	
	C	0.3	
Q681	B	0.8	
	C	0	
Q682	B	0.3	
	C	11.7	
Q683	B	11.7	
	C	11.7	
Q690	B	7.5	
	C	8.3	
Q691	B	0	
	C	15.0	
Q691	B	8.6	
	C	5.3	
	E	6.7	



• L or L3 BOARD VOLTAGE LIST

Ref.	Pin No.	Voltage [V]
GS5001	5	2.8
	6	2.8
IC5101	1	1.0
	2	1.0
	3	1.2
	4	1.2
	6	1.2
IC5201	1	1.2
	2	1.2
	4	1.1
	5	1.2
	6	1.2
IC5301	1	-0.2
	2	-0.2
	3	1.2
	4	1.2
	6	1.2
IC5401	1	0.6
	2	0.6
	3	3.4
	4	3.4
	6	1.8
IC5401	7	1.8
	8	0.4
	9	0.4

Note: L complete board and L3 complete board have interchangeability though it is a little different because the material of the circuit board is different.

(3) Schematic Diagram of A or A3 Board



Note: A complete board and A3 complete board have interchangeability though it is a little different because the material of the circuit board is different

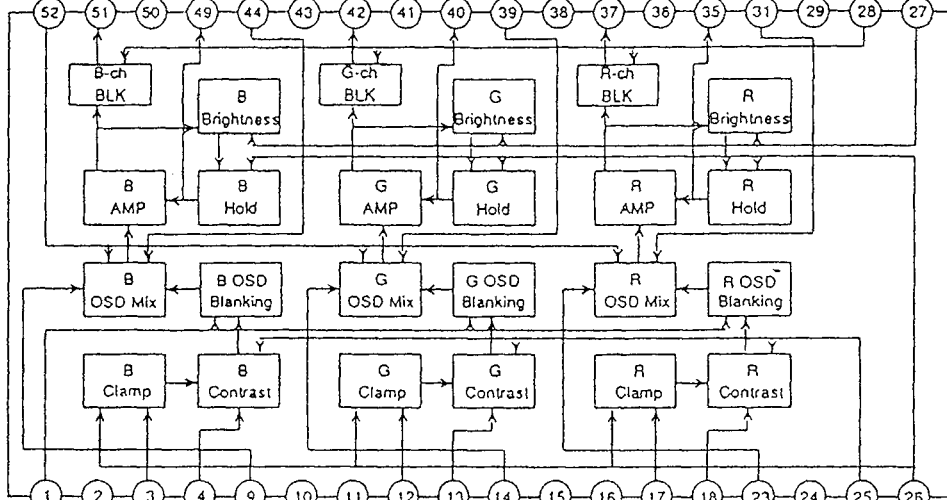
- A or A3 BOARD VOLTAGE LIST

Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	
IC402	1	1.1		E	6.8	
	3	2.8	Q106	B	112.6	
	4	3.7		E	113.3	
	9	1.1	Q201	B	2.7	
	12	2.8		E	3.5	
	13	3.8	Q205	B	7.4	
	14	1.1		C	109.9	
	17	2.8		E	6.8	
	18	3.9	Q206	B	109.9	
	23	1.1		E	110.4	
	25	3.3	Q301	B	2.7	
	26	0.7		E	3.4	
	27	2.4	Q305	B	7.4	
	28	1.2		C	113.1	
	35	4.4		E	6.8	
	37	2.7	Q306	B	113.1	
	40	4.4		E	113.7	
	IC403	42	2.7	Q401	B	3.6
		49	4.4		C	0.7
		51	2.7	E	4.3	
52		2.1	Q406	B	7.9	
				E	9.0	
2		2.8	Q410	B	9.7	
3		53.6		C	484.0	
5		52.7		E	9.1	
6		2.9	SK401	KR	87.0	
7		3.4		KG	87.0	
8		9.8		KB	87.0	
10		9.8		G2	474.0	
11		3.5	H2	6.5		
12	2.9					
13	52.3					
Q101	B	2.8				
	E	3.5				
Q105	B	7.3				
	C	112.6				

• A or A3 BOARD * MARK LIST

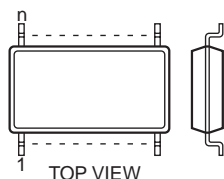
Ref. No.	A BOARD	A3 BOARD
C109	27pF CH:CHIP	33pF CH:CHIP
C113	100K :CHIP	#
C213	100K :CHIP	#
C309	27pF CH:CHIP	22pF CH:CHIP
C313	100K :CHIP	#
C413	100K :CHIP	#
JR401	#	0
JR402	#	0
JR403	#	0
JR404	#	0
Q202	2SC3545-T1T43T44	2SC2735JTL
R112	39 :RN-CP	56 :RN-CP
R129	1M :CHIP	560K :CHIP
R140	2.2M :CHIP	#
R145	#	470K :CHIP
R229	1M :CHIP	560K :CHIP
R240	2.2M :CHIP	#
R245	#	470K :CHIP
R312	68 :RN-CP	47 :RN-CP
R329	1M :CHIP	560K :CHIP
R340	2.2M :CHIP	#
R345	#	470K :CHIP
R461	100K 1/4W	100K 1/2W

- A or A3 BOARD IC402 M52722F



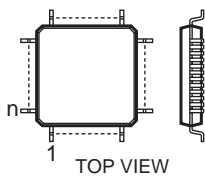
5-5. SEMICONDUCTORS

BA9756FS-E2
M62352GP-75E
M62352GP-75ED



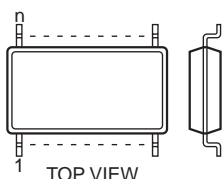
20 pin SOP

CXA2043Q



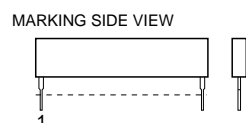
48 pin QFP

CXA2044M
LSC4380DW2AR2



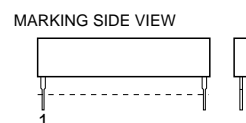
28 pin SOP

DM-60



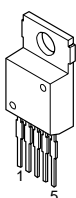
5 pin SIP

FA4111

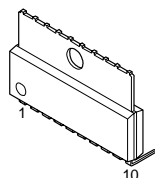


14 pin SIP

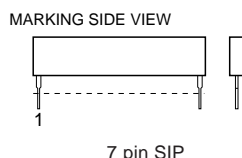
LA6500-FA



LA6510

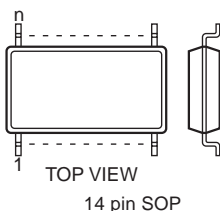


LA7841L



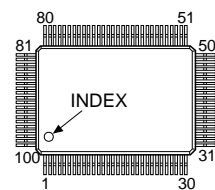
7 pin SIP

LM324M
TC74HCT04AF

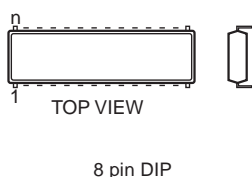


14 pin SOP

MB90553PF-G-120-BND

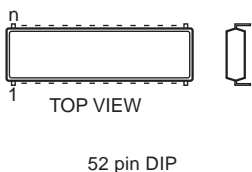


MC33262P
MM1170BFB



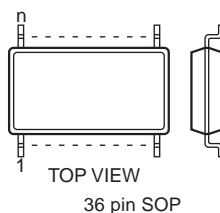
8 pin DIP

M52722P



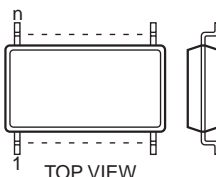
52 pin DIP

M52755FP



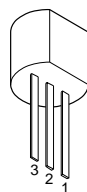
36 pin SOP

NJM4558M
TC7W04FU
 μ PC4558G2
24LC16BT/SN
24LC21AT/SN

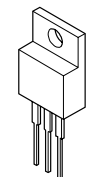


8 pin SOP

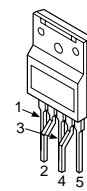
NJM78L05A
NJM78L09A
TA78L05S
TA78L09S



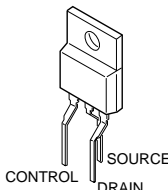
NJM78M09FA
NJM7812FA
TA7805S



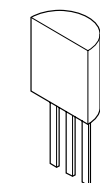
SI-3050F



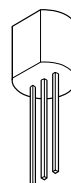
TOP223Y-BB



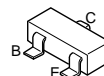
μ PC1093J



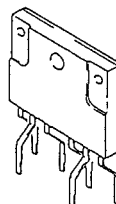
μ PC78L05J



DTA114GKAT146
DTA124EKA-T146
DTC114GKA
DTC114GKAT146
DTC124EK
DTC124EKA-T146
2SA1036K-Q
2SA1036K-T-146-Q
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1037K-T-146-QR
2SA1162G
2SA1462-Y33
2SA1738-TX
2SB709A-QRS-TX
2SC1623-L5L6
2SC2411K-CQ
2SC2411K-T-146-CQ
2SC2412K-T-146-QR
2SC3545-T43
2SC2735JTL



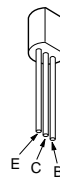
MX0841AB-F



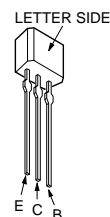
2SA1049-GR
2SC2458-YGR
2SC2459-GR



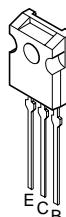
2SA1091-O
2SC2362K-G



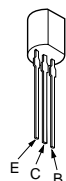
2SA1175-HFE
2SA1309A-QRSTA
2SC2784
2SC2785-HFE
2SC3311A-QRSTA



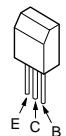
2SA1358-Y
2SC3421-Y



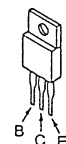
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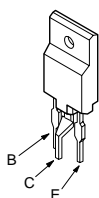
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2SJ449 (2)



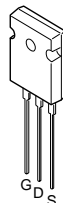
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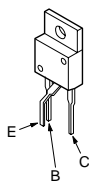
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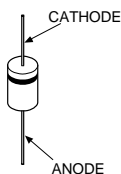
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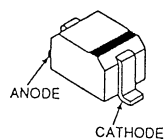
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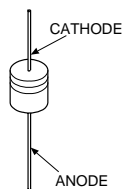
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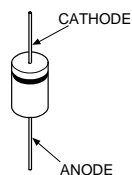
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DTZ10B
DTZ13B
DTZ24B
DTZ33B
DTZ4.7C
DTZ5.1B
MA111-TX
RD12SB2
RD5.6SB
UDZ-TE-17-10B
UDZ-TE-17-12B
UDZ-TE-17-13B
UDZ-TE-17-16B
UDZ-TE-17-24B
UDZ-TE-17-33B
UDZ-TE-17-4.7B
UDZ-TE-17-5.1B
UDZ-TE-17-5.6B
UDZ-TE-17-6.2B**



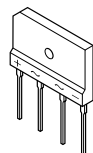
**D1NL20-TR
GMA01
RD12ES-B2
RD16ES-B2
RD16ES-B3
RD18ES-B2
RD22ES-B2
RD5.1ES-B2
RD6.2ESB2
1SS119-25TD
1SS119-25
1SS120TD**



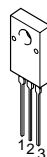
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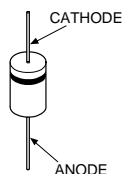
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D4SBL40
D4SB60L**



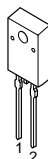
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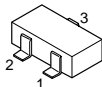
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ERA34-10
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RGP02-17PKG23
RGP02-20EG23
RGP02-20EL-6394
RGP15GPKG23
UF4005PKG23**



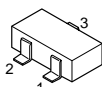
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D5L60**



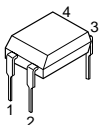
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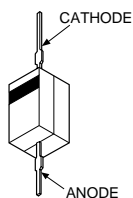
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1SS226**



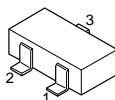
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PC123FY2**



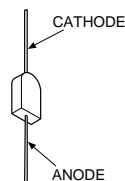
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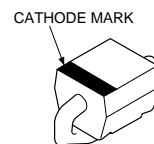
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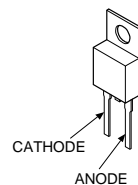
**RM11A
RM11C**



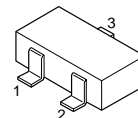
SB560



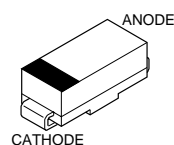
YG911S3R



1PS226-115



1SS376TE-17



SECTION 7

ELECTRICAL PARTS LIST

A or A3

NOTE:

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

Les composants identifiés par un tramé et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

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

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	* 8-933-275-00	A BOARD, COMPLETE					
	* 8-933-364-00	A3 BOARD, COMPLETE					

	Note: A complete board and A3 complete board have interchangeability though it is a little different because the material of the circuit board is different.						
	4-382-854-11	SCREW (M3X10), P, SW (+) (IC403)					
	<CAPACITOR>						
C101	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C211	1-163-017-00	CERAMIC CHIP 0.0047 μ F	10% 50V
C102	1-104-664-11	ELECT 47 μ F	20% 25V	C212	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
C103	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C213	1-216-097-91	RES, CHIP 100K	5% 1/10W (A BOARD)
C104	1-104-664-11	ELECT 47 μ F	20% 25V	C215	1-104-514-11	FILM 0.22 μ F	10% 250V
C105	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C217	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C106	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C220	1-107-949-11	ELECT 2.2 μ F	20% 200V
C107	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	C221	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C108	1-107-903-11	ELECT 2.2 μ F	20% 50V	C222	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
C109	1-163-237-11	CERAMIC CHIP 27pF	5% 50V (A BOARD)	C230	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C109	1-163-239-11	CERAMIC CHIP 33pF	5% 50V (A3 BOARD)	C301	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C110	1-163-275-11	CERAMIC CHIP 0.001 μ F	5% 50V	C302	1-104-664-11	ELECT 47 μ F	20% 25V
C111	1-163-017-00	CERAMIC CHIP 0.0047 μ F	10% 50V	C303	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C112	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	C304	1-104-664-11	ELECT 47 μ F	20% 25V
C113	1-216-097-91	RES, CHIP 100K	5% 1/10W (A BOARD)	C305	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C115	1-104-514-11	FILM 0.22 μ F	10% 250V	C306	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C120	1-107-949-11	ELECT 2.2 μ F	20% 200V	C307	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
C121	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C308	1-107-903-11	ELECT 2.2 μ F	20% 50V
C122	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	C309	1-163-235-11	CERAMIC CHIP 22pF	5% 50V (A BOARD)
C127	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C309	1-163-237-11	CERAMIC CHIP 27pF	5% 50V (A3 BOARD)
C130	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C310	1-163-275-11	CERAMIC CHIP 0.001 μ F	5% 50V
C201	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C311	1-163-017-00	CERAMIC CHIP 0.0047 μ F	10% 50V
C202	1-104-664-11	ELECT 47 μ F	20% 25V	C312	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
C203	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C313	1-216-097-91	RES, CHIP 100K	5% 1/10W (A BOARD)
C204	1-104-664-11	ELECT 47 μ F	20% 25V	C315	1-104-514-11	FILM 0.22 μ F	10% 250V
C205	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C317	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C206	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V	C319	1-107-888-11	ELECT 47 μ F	20% 25V
C207	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V	C320	1-107-949-11	ELECT 2.2 μ F	20% 200V
C208	1-107-903-11	ELECT 2.2 μ F	20% 50V	C321	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
C209	1-163-237-11	CERAMIC CHIP 27pF	5% 50V	C322	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
C210	1-163-275-11	CERAMIC CHIP 0.001 μ F	5% 50V	C330	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
				C401	1-126-964-11	ELECT 10 μ F	20% 50V
				C402	1-104-664-11	ELECT 47 μ F	20% 25V
				C403	1-104-664-11	ELECT 47 μ F	20% 25V
				C404	1-126-964-11	ELECT 10 μ F	20% 50V
				C405	1-163-227-11	CERAMIC CHIP 10pF	0.5PF 50V
				C407	1-126-964-11	ELECT 10 μ F	20% 50V
				C408	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
				C409	1-163-235-11	CERAMIC CHIP 22pF	5% 50V
				C410	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V

A or A3

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C412	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C491	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C413	1-216-097-91	RES, CHIP 100K	5% 1/10W (A BOARD)	<CONNECTOR>			
C414	1-163-222-11	CERAMIC CHIP 5pF	0.25pF 50V	CN401*	1-564-521-11	PLUG, CONNECTOR 6P	
C415	1-128-562-11	ELECT 47μF	20% 100V	CN402*	1-564-522-11	PLUG, CONNECTOR 7P	
C416	1-104-664-11	ELECT 47μF	20% 25V	CN403*	1-564-523-11	PLUG, CONNECTOR 8P	
C417	1-115-349-51	CERAMIC 0.01μF	2KV	CN405*	1-564-524-11	PLUG, CONNECTOR 9P	
C419	1-162-318-11	CERAMIC 0.001μF	10% 500V	CN406*	1-766-179-11	PIN, CONNECTOR (PC BOARD) 2P	
C420	1-126-967-11	ELECT 47μF	20% 50V	CN407*	1-564-522-11	PLUG, CONNECTOR 7P	
C421	1-126-964-11	ELECT 10μF	20% 50V	<DIODE>			
C424	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D101	8-719-062-51	DIODE 1PS226-115	
C429	1-163-227-11	CERAMIC CHIP 10pF	0.5pF 50V	D102	8-719-062-51	DIODE 1PS226-115	
C431	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D103	8-719-404-50	DIODE MA111-TX	
C434	1-162-318-11	CERAMIC 0.001μF	10% 500V	D104	8-719-052-12	DIODE 1SS376TE-17	
C435	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D105	8-719-052-12	DIODE 1SS376TE-17	
C436	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D106	8-719-052-12	DIODE 1SS376TE-17	
C438	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D107	8-719-052-12	DIODE 1SS376TE-17	
C440	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D201	8-719-062-51	DIODE 1PS226-115	
C442	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D202	8-719-062-51	DIODE 1PS226-115	
C443	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D203	8-719-404-50	DIODE MA111-TX	
C444	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D204	8-719-052-12	DIODE 1SS376TE-17	
C445	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V	D205	8-719-052-12	DIODE 1SS376TE-17	
C446	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D206	8-719-052-12	DIODE 1SS376TE-17	
C447	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D207	8-719-052-12	DIODE 1SS376TE-17	
C448	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	D301	8-719-062-51	DIODE 1PS226-115	
C450	1-163-235-11	CERAMIC CHIP 22pF	5% 50V	D302	8-719-062-51	DIODE 1PS226-115	
C451	1-126-964-11	ELECT 10μF	20% 50V	D303	8-719-404-50	DIODE MA111-TX	
C452	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D304	8-719-052-12	DIODE 1SS376TE-17	
C453	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D305	8-719-052-12	DIODE 1SS376TE-17	
C454	1-104-665-11	ELECT 100μF	20% 25V	D306	8-719-052-12	DIODE 1SS376TE-17	
C455	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D307	8-719-052-12	DIODE 1SS376TE-17	
C457	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D401	8-719-404-50	DIODE MA111-TX	
C458	1-126-964-11	ELECT 10μF	20% 50V	D402	8-719-976-99	ZENER DIODE DTZ5.1B	
C459	1-107-930-91	ELECT 22μF	20% 100V	D403	8-719-404-50	DIODE MA111-TX	
C460	1-162-318-11	CERAMIC 0.001μF	10% 500V	D404	8-719-052-12	DIODE 1SS376TE-17	
C461	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D405	8-719-404-50	DIODE MA111-TX	
C463	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D406	8-719-404-50	DIODE MA111-TX	
C464	1-107-906-11	ELECT 10μF	20% 50V	D407	8-719-404-50	DIODE MA111-TX	
C465	1-107-906-11	ELECT 10μF	20% 50V	D408	8-719-404-50	DIODE MA111-TX	
C466	1-126-964-11	ELECT 10μF	20% 50V	D409	8-719-404-50	DIODE MA111-TX	
C467	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D410	8-719-404-50	DIODE MA111-TX	
C468	1-126-964-11	ELECT 10μF	20% 50V	<FERRITE BEAD>			
C469	1-126-964-11	ELECT 10μF	20% 50V	FB101	1-216-295-91	SHORT	0
C471	1-162-318-11	CERAMIC 0.001μF	10% 500V	FB201	1-216-295-91	SHORT	0
C478	1-115-350-51	CERAMIC 0.0047μF	2KV	FB301	1-216-295-91	SHORT	0
C479	1-163-133-00	CERAMIC CHIP 470pF	5% 50V	FB403	1-412-911-31	FERRITE	1.1μH
C480	1-162-318-11	CERAMIC 0.001μF	10% 500V	FB405	1-412-911-31	FERRITE	1.1μH
C481	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	FB406	1-412-911-31	FERRITE	1.1μH
C482	1-115-339-11	CERAMIC CHIP 0.1μF	10% 50V				
C483	1-115-339-11	CERAMIC CHIP 0.1μF	10% 50V				
C484	1-162-318-11	CERAMIC 0.001μF	10% 500V				
C485	1-107-652-11	ELECT 10μF	20% 250V				
C486	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V				
C487	1-126-964-11	ELECT 10μF	20% 50V				
C488	1-104-664-11	ELECT 47μF	20% 25V				
C489	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				

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

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

GDM-500PS/500PST/500PST9

A or A3

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<IC>				<RESISTOR>			
IC401	8-759-522-86	IC M52755FP-TP		R101	1-215-395-00	METAL 82	1% 1/4W
IC402	8-759-468-63	IC M52722P		R102	1-216-025-91	RES, CHIP 100	5% 1/10W
IC403	8-749-013-74	IC FA4111		R103	1-215-395-00	METAL 82	1% 1/4W
IC404	8-759-566-26	IC LSC4380DW2AR2		R104	1-216-025-91	RES, CHIP 100	5% 1/10W
IC406	8-759-701-79	IC NJM7812FA		R105	1-216-017-91	RES, CHIP 47	5% 1/10W
IC408	8-759-239-14	IC TA78L05S		R106	1-216-017-91	RES, CHIP 47	5% 1/10W
IC409	8-759-502-82	IC LM324M		R108	1-216-099-00	RES, CHIP 120K	5% 1/10W
IC410	8-759-635-27	IC M62352GP-75E		R109	1-216-117-00	RES, CHIP 680K	5% 1/10W
<CHIP CONDUCTOR>				R110	1-216-295-91	SHORT 0	
JR401	1-216-295-91	SHORT 0 (A3 BOARD)		R111	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
JR402	1-216-295-91	SHORT 0 (A3 BOARD)		R112	1-216-617-11	METAL CHIP 39	0.50%1/10W (A BOARD)
JR403	1-216-295-91	SHORT 0 (A3 BOARD)		R112	1-216-621-11	METAL CHIP 56	0.50%1/10W (A3 BOARD)
JR404	1-216-295-91	SHORT 0 (A3 BOARD)		R113	1-216-009-91	RES, CHIP 22	5% 1/10W
<COIL>				R114	1-216-035-00	RES, CHIP 270	5% 1/10W
L101	1-412-478-11	INDUCTOR 0.15μH		R115	1-216-035-00	RES, CHIP 270	5% 1/10W
L201	1-412-478-11	INDUCTOR 0.15μH		R116	1-216-017-91	RES, CHIP 47	5% 1/10W
L301	1-412-478-11	INDUCTOR 0.15μH		R117	1-216-063-91	RES, CHIP 3.9K	5% 1/10W
L401	1-408-615-31	INDUCTOR 100μH (A BOARD)		R118	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
L401	1-414-940-21	INDUCTOR 100μH (A3 BOARD)		R119	1-216-009-91	RES, CHIP 22	5% 1/10W
L402	1-412-529-11	INDUCTOR 22μH (A BOARD)		R120	1-216-097-91	RES, CHIP 100K	5% 1/10W
L402	1-414-742-21	INDUCTOR 22μH (A3 BOARD)		R121	1-216-097-91	RES, CHIP 100K	5% 1/10W
L403	1-412-963-11	INDUCTOR 100μH		R122	1-216-027-00	RES, CHIP 120	5% 1/10W
<IC LINK>				R123	1-216-027-00	RES, CHIP 120	5% 1/10W
PS401 \triangle 1-533-590-31LINK, IC (1A/90V AC, 60V DC)				R124	1-219-497-11	CARBON 22	5% 1/2W
<TRANSISTOR>				R125	1-216-091-00	RES, CHIP 56K	5% 1/10W
Q101	8-729-112-65	TRANSISTOR 2SA1462-Y33		R126	1-216-097-91	RES, CHIP 100K	5% 1/10W
Q105	8-729-041-66	TRANSISTOR 2SC4015TV2		R127	1-216-035-00	RES, CHIP 270	5% 1/10W
Q106	8-729-200-17	TRANSISTOR 2SA1091-O		R128	1-216-121-91	RES, CHIP 1M	5% 1/10W
Q201	8-729-112-65	TRANSISTOR 2SA1462-Y33		R129	1-216-115-00	RES, CHIP 560K	5% 1/10W (A3 BOARD)
Q202	8-729-107-31	TRANSISTOR 2SC3545-T43 (A BOARD)		R129	1-216-121-91	RES, CHIP 1M	5% 1/10W (A BOARD)
Q202	8-729-402-07	TRANSISTOR 2SC2735JTL (A3 BOARD)		R130	1-216-097-91	RES, CHIP 100K	5% 1/10W
Q205	8-729-041-66	TRANSISTOR 2SC4015TV2		R131	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
Q206	8-729-200-17	TRANSISTOR 2SA1091-O		R132	1-216-035-00	RES, CHIP 270	5% 1/10W
Q301	8-729-112-65	TRANSISTOR 2SA1462-Y33		R133	1-216-049-91	RES, CHIP 1K	5% 1/10W
Q305	8-729-041-66	TRANSISTOR 2SC4015TV2		R134	1-216-097-91	RES, CHIP 100K	5% 1/10W
Q306	8-729-200-17	TRANSISTOR 2SA1091-O		R135	1-216-037-00	RES, CHIP 330	5% 1/10W
Q401	8-729-216-22	TRANSISTOR 2SA1162-G		R136	1-216-097-91	RES, CHIP 100K	5% 1/10W
Q402	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R137	1-216-097-91	RES, CHIP 100K	5% 1/10W
Q403	8-729-216-22	TRANSISTOR 2SA1162-G		R139	1-216-073-00	RES, CHIP 10K	5% 1/10W
Q404	8-729-901-00	TRANSISTOR DTC124EK		R140	1-216-129-00	RES, CHIP 2.2M	5% 1/10W (A BOARD)
Q405	8-729-216-22	TRANSISTOR 2SA1162-G		R141	1-216-025-91	RES, CHIP 100	5% 1/10W
Q406	8-729-027-31	TRANSISTOR DTA124EKA-T146		R144	1-216-295-91	SHORT 0	
Q408	8-729-027-31	TRANSISTOR DTA124EKA-T146		R145	1-216-113-00	RES, CHIP 470K	5% 1/10W (A3 BOARD)
Q409	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R167	1-216-121-91	RES, CHIP 1M	5% 1/10W
Q410	8-729-032-61	TRANSISTOR 2SC5022-02		R201	1-215-395-00	METAL 82	1% 1/4W
				R202	1-216-025-91	RES, CHIP 100	5% 1/10W
				R203	1-215-395-00	METAL 82	1% 1/4W
				R204	1-216-025-91	RES, CHIP 100	5% 1/10W
				R205	1-216-017-91	RES, CHIP 47	5% 1/10W
				R206	1-216-017-91	RES, CHIP 47	5% 1/10W

GDM-500PS/500PST/500PST9

A or A3

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R208	1-216-099-00	RES, CHIP	120K	5%	1/10W	R313	1-216-009-91	RES, CHIP	22	5%	1/10W
R209	1-216-117-00	RES, CHIP	680K	5%	1/10W	R314	1-216-035-00	RES, CHIP	270	5%	1/10W
R210	1-216-295-91	SHORT	0			R315	1-216-035-00	RES, CHIP	270	5%	1/10W
R211	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R316	1-216-017-91	RES, CHIP	47	5%	1/10W
R212	1-216-621-11	METAL CHIP	56	0.50%	1/10W	R317	1-216-063-91	RES, CHIP	3.9K	5%	1/10W
R213	1-216-009-91	RES, CHIP	22	5%	1/10W	R318	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
R214	1-216-035-00	RES, CHIP	270	5%	1/10W	R319	1-216-009-91	RES, CHIP	22	5%	1/10W
R215	1-216-035-00	RES, CHIP	270	5%	1/10W	R320	1-216-097-91	RES, CHIP	100K	5%	1/10W
R216	1-216-017-91	RES, CHIP	47	5%	1/10W	R321	1-216-097-91	RES, CHIP	100K	5%	1/10W
R217	1-216-063-91	RES, CHIP	3.9K	5%	1/10W	R322	1-216-027-00	RES, CHIP	120	5%	1/10W
R218	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R323	1-216-027-00	RES, CHIP	120	5%	1/10W
R219	1-216-009-91	RES, CHIP	22	5%	1/10W	R324	1-219-497-11	CARBON	22	5%	1/2W
R220	1-216-097-91	RES, CHIP	100K	5%	1/10W	R325	1-216-091-00	RES, CHIP	56K	5%	1/10W
R221	1-216-097-91	RES, CHIP	100K	5%	1/10W	R326	1-216-097-91	RES, CHIP	100K	5%	1/10W
R222	1-216-027-00	RES, CHIP	120	5%	1/10W	R327	1-216-035-00	RES, CHIP	270	5%	1/10W
R223	1-216-027-00	RES, CHIP	120	5%	1/10W	R328	1-216-121-91	RES, CHIP	1M	5%	1/10W
R224	1-219-497-11	CARBON	22	5%	1/2W	R329	1-216-115-00	RES, CHIP	560K	5%	1/10W
R225	1-216-091-00	RES, CHIP	56K	5%	1/10W						(A3 BOARD)
R226	1-216-097-91	RES, CHIP	100K	5%	1/10W	R329	1-216-121-91	RES, CHIP	1M	5%	1/10W
R227	1-216-035-00	RES, CHIP	270	5%	1/10W						(A BOARD)
R228	1-216-121-91	RES, CHIP	1M	5%	1/10W	R330	1-216-097-91	RES, CHIP	100K	5%	1/10W
R229	1-216-115-00	RES, CHIP	560K	5%	1/10W	R331	1-216-057-00	RES, CHIP	2.2K	5%	1/10W
						R332	1-216-035-00	RES, CHIP	270	5%	1/10W
R229	1-218-121-91	RES, CHIP	1M	5%	1/10W	R333	1-216-049-91	RES, CHIP	1K	5%	1/10W
						R334	1-216-097-91	RES, CHIP	100K	5%	1/10W
						R335	1-216-037-00	RES, CHIP	330	5%	1/10W
R230	1-216-097-91	RES, CHIP	100K	5%	1/10W	R336	1-216-097-91	RES, CHIP	100K	5%	1/10W
R231	1-216-057-00	RES, CHIP	2.2K	5%	1/10W						
R232	1-216-035-00	RES, CHIP	270	5%	1/10W	R337	1-216-097-91	RES, CHIP	100K	5%	1/10W
R233	1-216-049-91	RES, CHIP	1K	5%	1/10W	R339	1-216-073-00	RES, CHIP	10K	5%	1/10W
R234	1-216-097-91	RES, CHIP	100K	5%	1/10W	R340	1-216-129-00	RES, CHIP	2.2M	5%	1/10W
R235	1-216-037-00	RES, CHIP	330	5%	1/10W						(A BOARD)
R236	1-216-097-91	RES, CHIP	100K	5%	1/10W	R341	1-216-025-91	RES, CHIP	100	5%	1/10W
						R344	1-216-295-91	SHORT	0		
R237	1-216-097-91	RES, CHIP	100K	5%	1/10W	R345	1-216-113-00	RES, CHIP	470K	5%	1/10W
R239	1-216-073-00	RES, CHIP	10K	5%	1/10W						(A3 BOARD)
R240	1-216-129-00	RES, CHIP	2.2M	5%	1/10W	R367	1-216-121-91	RES, CHIP	1M	5%	1/10W
						R406	1-216-049-91	RES, CHIP	1K	5%	1/10W
R241	1-216-025-91	RES, CHIP	100	5%	1/10W	R407	1-216-089-91	RES, CHIP	47K	5%	1/10W
R243	1-216-043-91	RES, CHIP	560	5%	1/10W	R408	1-216-097-91	RES, CHIP	100K	5%	1/10W
R244	1-216-295-91	SHORT	0			R409	1-216-049-91	RES, CHIP	1K	5%	1/10W
R245	1-216-113-00	RES, CHIP	470K	5%	1/10W	R410	1-216-049-91	RES, CHIP	1K	5%	1/10W
						R411	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R267	1-216-121-91	RES, CHIP	1M	5%	1/10W	R412	1-216-053-00	RES, CHIP	1.5K	5%	1/10W
R301	1-215-395-00	METAL	82	1%	1/4W	R413	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R302	1-216-025-91	RES, CHIP	100	5%	1/10W						
						R415	1-216-065-91	RES, CHIP	4.7K	5%	1/10W
R303	1-215-395-00	METAL	82	1%	1/4W	R416	1-216-049-91	RES, CHIP	1K	5%	1/10W
R304	1-216-025-91	RES, CHIP	100	5%	1/10W	R417	1-216-089-91	RES, CHIP	47K	5%	1/10W
R305	1-216-017-91	RES, CHIP	47	5%	1/10W	R418	1-260-127-11	CARBON	220K	5%	1/2W
R306	1-216-017-91	RES, CHIP	47	5%	1/10W	R419	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R308	1-216-099-00	RES, CHIP	120K	5%	1/10W						
R309	1-216-117-00	RES, CHIP	680K	5%	1/10W	R420	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R310	1-216-295-91	SHORT	0			R421	1-216-103-00	RES, CHIP	180K	5%	1/10W
R311	1-216-057-00	RES, CHIP	2.2K	5%	1/10W	R422	1-216-025-91	RES, CHIP	100	5%	1/10W
R312	1-216-619-11	METAL CHIP	47	0.50%	1/10W	R423	1-216-089-91	RES, CHIP	47K	5%	1/10W
						R424	1-216-025-91	RES, CHIP	100	5%	1/10W
R312	1-216-623-11	METAL CHIP	68	0.50%	1/10W	R425	1-216-017-91	RES, CHIP	47	5%	1/10W
						R426	1-216-025-91	RES, CHIP	100	5%	1/10W
						R427	1-216-025-91	RES, CHIP	100	5%	1/10W

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

Les composants identifiés par un tramé
et une marque \triangle sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

GDM-500PS/500PST/500PST9

A or A3 **GA** **G**

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R428	1-216-049-91	RES, CHIP	1K 5% 1/10W	* 8-933-269-00 GA BOARD, COMPLETE *****			
R429	1-216-025-91	RES, CHIP	100 5% 1/10W	<CAPACITOR>			
R430	1-216-025-91	RES, CHIP	100 5% 1/10W	C7501	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
R431	1-216-025-91	RES, CHIP	100 5% 1/10W	C7502	1-136-169-00	FILM 0.22 μ F	5% 50V
R432	1-216-025-91	RES, CHIP	100 5% 1/10W	C7503	1-163-009-11	CERAMIC CHIP 0.001 μ F	10% 50V
R433	1-216-025-91	RES, CHIP	100 5% 1/10W	C7504	1-136-165-00	FILM 0.1 μ F	5% 50V
R434	1-216-065-91	RES, CHIP	4.7K 5% 1/10W	C7505	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
R435	1-216-121-91	RES, CHIP	1M 5% 1/10W	C7506	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
R436	1-216-067-00	RES, CHIP	5.6K 5% 1/10W	<CONNECTOR>			
R438	1-216-053-00	RES, CHIP	1.5K 5% 1/10W	CN7501*1-774-512-11CONNECTOR, BPARD TO BOARD 10P			
R439	1-216-053-00	RES, CHIP	1.5K 5% 1/10W	<DIODE>			
R440	1-216-089-91	RES, CHIP	47K 5% 1/10W	D7501	8-719-110-57	ZENER DIODE RD22ESB2	
R441	1-216-025-91	RES, CHIP	100 5% 1/10W	D7502	8-719-911-19	DIODE 1SS119-25	
R442	1-216-659-11	METAL CHIP	2.2K 0.50%1/10W	<IC>			
R443	1-216-041-00	RES, CHIP	470 5% 1/10W	IC7501	8-759-482-62	IC MC33262P	
R444	1-216-057-00	RES, CHIP	2.2K 5% 1/10W	<TRANSISTOR>			
R446	1-216-025-91	RES, CHIP	100 5% 1/10W	Q7501	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
R451	1-216-025-91	RES, CHIP	100 5% 1/10W	Q7502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
R452	1-216-065-91	RES, CHIP	4.7K 5% 1/10W	Q7503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
R453	1-216-073-00	RES, CHIP	10K 5% 1/10W	Q7504	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
R454	1-216-073-00	RES, CHIP	10K 5% 1/10W	<RESISTOR>			
R456	1-216-129-00	RES, CHIP	2.2M 5% 1/10W	R7501	1-216-025-91	RES, CHIP	100 5% 1/10W
R457	1-219-621-91	METAL	22M 10% 1/4W	R7502	1-216-073-00	RES, CHIP	10K 5% 1/10W
R458	1-211-885-21	METAL	2.2M 5% 1W	R7503	1-216-041-00	RES, CHIP	470 5% 1/10W
R459	1-219-720-11	METAL	10M 5% 1W	R7504	1-216-675-11	METAL CHIP	10K 0.50%1/10W
R461	1-249-441-11	CARBON	100K 5% 1/4W	R7505	1-216-673-11	METAL CHIP	8.2K 0.50%1/10W
R461	1-260-123-11	CARBON	100K 5% 1/2W (A BOARD) (A3 BOARD)	R7506	1-216-073-00	RES, CHIP	10K 5% 1/10W
R462	1-216-089-91	RES, CHIP	47K 5% 1/10W	R7507	1-216-089-91	RES, CHIP	47K 5% 1/10W
R463	1-216-103-00	RES, CHIP	180K 5% 1/10W	R7508	1-216-073-00	RES, CHIP	10K 5% 1/10W
R464	1-216-057-00	RES, CHIP	2.2K 5% 1/10W	R7509	1-216-073-00	RES, CHIP	10K 5% 1/10W
R466	1-216-675-11	METAL CHIP	10K 0.50%1/10W	R7510	1-216-073-00	RES, CHIP	10K 5% 1/10W
R470	1-216-065-91	RES, CHIP	4.7K 5% 1/10W	R7511	1-216-073-00	RES, CHIP	10K 5% 1/10W
R471	1-216-069-00	RES, CHIP	6.8K 5% 1/10W	R7512	1-216-089-91	RES, CHIP	47K 5% 1/10W
R473	1-216-073-00	RES, CHIP	10K 5% 1/10W	R7513	1-216-093-91	RES, CHIP	68K 5% 1/10W
R475	1-216-073-00	RES, CHIP	10K 5% 1/10W	*****			
R477	1-216-081-00	RES, CHIP	22K 5% 1/10W	* 8-933-277-00 G BOARD, COMPLETE *****			
R478	1-249-381-11	CARBON	1 5% 1/4W F	1-533-223-11 HOLDER, FUSE (F601)			
R479	1-249-381-11	CARBON	1 5% 1/4W F	4-382-854-11 SCREW (M3X10), P, SW (+)			
R480	1-249-381-11	CARBON	1 5% 1/4W F	(Q610, Q640, D610, D611, D672)			
<SPARK GAP>				<SOCKET>			
SG101	1-517-499-21	GAP, SPARK		SK401 \triangle 1-251-640-11 SOCKET, PICTURE TUBE			
SG201	1-517-499-21	GAP, SPARK		*****			
SG301	1-517-499-21	GAP, SPARK (A3 BOARD)					
SG302	1-517-499-21	GAP, SPARK (A BOARD)					
SG401	1-519-526-11	LAMP, NEON					
SG402	1-519-422-11	GAP, SPARK					

GDM-500PS/500PST/500PST9



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

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

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
	*7-322-065-72 RUBBER, RTV (SE-9168) (130G) (C671, C682, VDR640) 7-682-947-01 SCREW +PSW 3X6 (IC660)				CN610*1-774-511-11 CONNECTOR, BOARD TO BOARD 10P CN671*1-764-334-11 PLUG, CONNECTOR 11P CN672*1-564-512-11 PLUG, CONNECTOR 9P CN673*1-564-508-11 PLUG, CONNECTOR 5P		
	<CAPACITOR>				<DIODE>		
C601	Δ 1-113-900-51	CERAMIC	470pF 10% 250V	D610	Δ 8-719-510-53	DIODE D4SB60L	
C602	Δ 1-113-900-51	CERAMIC	470pF 10% 250V	D611	8-719-029-04	DIODE D5L60	
C603	Δ 1-107-533-51	FILM	1 μ F 20% 250V	D612	8-719-304-63	DIODE RM11C	
C604	Δ 1-107-533-51	FILM	1 μ F 20% 250V	D613	8-719-110-49	ZENER DIODE RD18ESB2	
C605	Δ 1-113-926-91	CERAMIC	0.0047 μ F 250V	D614	8-719-977-28	ZENER DIODE DTZ10B	
C606	Δ 1-113-926-91	CERAMIC	0.0047 μ F 250V	D617	8-719-404-50	DIODE MA111-TX	
C607	1-113-900-11	CERAMIC	470PF 10% 250V	D640	8-719-404-50	DIODE MA111-TX	
C610	1-137-479-11	FILM	1 μ F 10% 400V	D660	8-719-059-23	DIODE P6KE200AG23	
C611	1-117-849-11	ELECT	330 μ F 20% 450V	D661	8-719-979-64	DIODE UF4005PKG23	
C612	1-126-959-11	ELECT	0.47 μ F 20% 50V	D662	8-719-058-91	DIODE AG01A-V0	
C616	1-107-888-11	ELECT	47 μ F 20% 25V	D663	8-719-110-31	ZENER DIODE RD12ESB2	
C640	1-104-330-91	CERAMIC	470pF 10% 1KV	D666	8-719-105-99	ZENER DIODE RD6.2M-B1	
C641	1-104-330-91	CERAMIC	470pF 10% 1KV	D670	8-719-064-49	DIODE D4SBL40	
C642	1-136-171-00	FILM	0.33 μ F 5% 50V	D671	8-719-510-64	DIODE S2LA20F	
C643	1-136-171-00	FILM	0.33 μ F 5% 50V	D672	8-719-052-91	DIODE D4SBS4-F	
C644	1-104-330-91	CERAMIC	470pF 10% 1KV	D673	8-719-022-97	DIODE D2S4MF	
C645	1-136-167-00	FILM	0.15 μ F 5% 50V	D674	8-719-022-97	DIODE D2S4MF	
C646	1-136-167-00	FILM	0.15 μ F 5% 50V	D677	8-719-911-19	DIODE 1SS119-25	
C647	1-129-719-00	FILM	0.027 μ F 5% 630V	D678	8-719-911-19	DIODE 1SS119-25	
C660	1-111-057-11	ELECT	120 μ F 20% 25V	D680	8-719-404-50	DIODE MA111	
C661	1-128-526-11	ELECT	100 μ F 20% 16V	D681	8-719-404-50	DIODE MA111	
C662	1-130-495-00	FILM	0.1 μ F 5% 50V	D682	8-719-510-64	DIODE S2LA20F	
C663	1-126-965-11	ELECT	22 μ F 20% 50V	D683	8-719-911-19	DIODE 1SS119-25	
C670	1-137-370-11	FILM	0.01 μ F 5% 50V	D684	8-719-110-57	ZENER DIODE RD22ESB2	
C671	1-107-966-51	ELECT	220 μ F 20% 250V	D691	8-719-510-37	DIODE D5LC20U	
C672	1-107-959-11	ELECT	3.3 μ F 20% 250V	D692	8-719-911-19	DIODE 1SS119-25	
C673	1-107-935-11	ELECT	330 μ F 20% 100V	D693	8-719-404-50	DIODE MA111-TX	
C674	1-107-928-11	ELECT	4.7 μ F 20% 100V		<FUSE>		
C675	1-107-890-11	ELECT	2200 μ F 20% 25V	F601	Δ 1-576-233-11	FUSE (H.B.C.) (6.3A/250V)	
C676	1-107-888-11	ELECT	47 μ F 20% 25V		<FERRITE BEAD>		
C677	1-107-890-11	ELECT	2200 μ F 20% 25V	FB610	1-410-396-41	FERRITE	0.45 μ H
C678	1-107-888-11	ELECT	47 μ F 20% 25V	FB611	1-410-396-41	FERRITE	0.45 μ H
C679	1-126-927-11	ELECT	2200 μ F 20% 10V	FB612	1-410-396-41	FERRITE	0.45 μ H
C680	1-126-927-11	ELECT	2200 μ F 20% 10V		<IC>		
C681	1-107-905-11	ELECT	4.7 μ F 20% 50V	IC630	8-749-013-03	IC DM-60	
C682	1-126-963-11	ELECT	4.7 μ F 20% 50V	IC660	8-759-470-64	IC TOP223Y-BB	
C683	1-164-646-11	CERAMIC	2200pF 10% 500V	IC690	8-749-011-42	IC SI-3050F	
C684	1-137-370-11	FILM	0.01 μ F 5% 50V	IC691	8-759-140-85	IC μ PC1093J	
C685	1-107-909-11	ELECT	47 μ F 20% 50V		<COIL>		
C690	1-107-888-11	ELECT	47 μ F 20% 25V	L610	1-416-409-11	INDUCTOR	220 μ H
C691	1-107-888-11	ELECT	47 μ F 20% 25V	L611	1-411-674-11	INDUCTOR	68 μ H
C692	1-111-016-11	ELECT	0.0012F 20% 10V		<CONNECTOR>		
C693	1-130-495-00	FILM	0.1 μ F 5% 50V	CN603	*1-580-689-11	PIN, CONNECTOR (PC BOARD) 4P	
C695	1-164-644-11	CERAMIC	330pF 10% 500V	CN604	*1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	
C697	1-136-165-00	FILM	0.1 μ F 5% 50V	CN605	*1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	

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

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

GDM-500PS/500PST/500PST9



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
L670	1-412-529-11	INDUCTOR 22μH		R629	1-215-461-00	METAL 47K	1% 1/4W
L671	1-412-529-11	INDUCTOR 22μH		R631	1-247-807-31	CARBON 100	5% 1/4W
L672	1-412-529-11	INDUCTOR 22μH		R632	1-216-073-00	RES, CHIP 10K	5% 1/10W
				R633	1-215-481-00	METAL 330K	1% 1/4W
L673	1-412-529-11	INDUCTOR 22μH		R635	1-216-073-00	RES, CHIP 10K	5% 1/10W
L691	1-412-529-11	INDUCTOR 22μH		R640	1-202-933-61	FUSIBLE 0.1	10% 1/2W F
<PHOTO COUPLER>				R641	1-218-642-11	METAL OXIDE 100K	5% 1W F
PH660	8-749-010-64	PHOTO COUPLER PC123F2		R642	1-218-642-11	METAL OXIDE 100K	5% 1W F
PH680	8-749-010-64	PHOTO COUPLER PC123F2		R643	1-247-863-91	CARBON 22K	5% 1/4W
<IC LINK>				R644	1-216-105-91	RES, CHIP 220K	5% 1/10W
PS670 \triangle	1-533-593-31	LINK, IC (2A/90V AC, 60V DC)		R645	1-216-081-00	RES, CHIP 22K	5% 1/10W
PS671 \triangle	1-533-593-31	LINK, IC (2A/90V AC, 60V DC)		R646	1-216-073-00	RES, CHIP 10K	5% 1/10W
PS673 \triangle	1-533-593-31	LINK, IC (2A/90V AC, 60V DC)		R647	1-249-441-11	CARBON 100K	5% 1/4W
PS674 \triangle	1-533-593-31	LINK, IC (2A/90V AC, 60V DC)		R648	1-216-353-00	METAL OXIDE 2.2	5% 1W F
<TRANSISTOR>				R649	1-218-642-11	METAL OXIDE 100K	5% 1W F
Q610	8-729-041-65	TRANSISTOR 2SK2195F04		R650	1-218-642-11	METAL OXIDE 100K	5% 1W F
Q615	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R651	1-216-353-00	METAL OXIDE 2.2	5% 1W F
Q640	8-729-041-12	TRANSISTOR MX0841AB-F		R652	1-212-942-00	FUSIBLE 2.2	5% 1/2W F
Q641	8-729-119-76	TRANSISTOR 2SA1175-HFE		R655	1-216-073-00	RES, CHIP 10K	5% 1/10W
Q642	8-729-119-78	TRANSISTOR 2SC2785-HFE		R661	1-249-387-11	CARBON 3.3	5% 1/4W F
Q660	8-729-119-78	TRANSISTOR 2SC2785-HFE		R662	1-216-073-00	RES, CHIP 10K	5% 1/10W
Q680	8-729-120-28	TRANSISTOR 2SC1623-L5L6		R663	1-216-073-00	RES, CHIP 10K	5% 1/10W
Q681	8-729-230-45	TRANSISTOR 2SC2458-YGR		R664	1-247-791-91	CARBON 22	5% 1/4W
Q682	8-729-119-76	TRANSISTOR 2SA1175-HFE		R665	1-216-033-00	RES, CHIP 220	5% 1/10W
Q683	8-729-119-76	TRANSISTOR 2SA1175-HFE		R666	1-215-441-00	METAL 6.8K	1% 1/4W
Q690	8-729-119-78	TRANSISTOR 2SC2785-HFE		R667	1-215-433-00	METAL 3.3K	1% 1/4W
Q691	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R		R668	1-249-401-11	CARBON 47	5% 1/4W
<RESISTOR>				R669	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
R601 \triangle	1-220-825-91	CARBON 330K	5% 1/2W	R671	1-216-113-00	RES, CHIP 470K	5% 1/10W
R604	1-260-089-11	CARBON 150	5% 1/2W	R672	1-216-049-91	RES, CHIP 1K	5% 1/10W
R610	1-216-383-11	METAL OXIDE 0.33	5% 3W F	R673	1-249-413-11	CARBON 470	5% 1/4W F
R611	1-216-383-11	METAL OXIDE 0.33	5% 3W F	R674	1-249-377-11	CARBON 0.47	5% 1/4W F
R612	1-215-477-00	METAL 220K	1% 1/4W	R675	1-260-292-11	CARBON 1	5% 1/2W
R613	1-215-477-00	METAL 220K	1% 1/4W	R676	1-249-413-11	CARBON 470	5% 1/4W
R614	1-215-473-00	METAL 150K	1% 1/4W	R680	1-216-073-00	RES, CHIP 10K	5% 1/10W
R615	1-215-473-00	METAL 150K	1% 1/4W	R681	1-216-049-91	RES, CHIP 1K	5% 1/10W
R616	1-215-473-00	METAL 150K	1% 1/4W	R682	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
R617	1-215-481-00	METAL 330K	1% 1/4W	R683	1-216-025-91	RES, CHIP 100	5% 1/10W
R618	1-215-477-00	METAL 220K	1% 1/4W	R685	1-216-073-00	RES, CHIP 10K	5% 1/10W
R619	1-215-485-00	METAL 470K	1% 1/4W	R686	1-216-049-91	RES, CHIP 1K	5% 1/10W
R620	1-215-485-00	METAL 470K	1% 1/4W	R687	1-216-049-91	RES, CHIP 1K	5% 1/10W
R621	1-215-481-00	METAL 330K	1% 1/4W	R688	1-216-073-00	RES, CHIP 10K	5% 1/10W
R622	1-216-049-91	RES,CHIP 1K	5% 1/10W	R689	1-216-073-00	RES, CHIP 10K	5% 1/10W
R623	1-216-651-11	METAL CHIP 1K	0.50%1/10W	R691	1-216-073-00	RES, CHIP 10K	5% 1/10W
R624	1-216-671-11	METAL CHIP 6.8K	0.50%1/10W	R692	1-260-085-11	CARBON 68	5% 1/2W
R625	1-249-389-11	CARBON 4.7	5% 1/4W	R693	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
R626	1-249-429-11	CARBON 10K	5% 1/4W	R694	1-216-073-00	RES, CHIP 10K	5% 1/10W
R627	1-215-479-00	METAL 270K	1% 1/4W	R695	1-249-443-11	CARBON 0.47	5% 1/4W F
R628	1-215-481-00	METAL 330K	1% 1/4W	R696	1-216-633-11	METAL CHIP 180	0.50%1/10W
<RELAY>				R697	1-216-649-11	METAL CHIP 820	0.50%1/10W
				R698	1-216-073-00	RES, CHIP 10K	5% 1/10W
				R699	1-216-081-00	RES, CHIP 22K	5% 1/10W
				RY601 \triangle 1-515-669-21RELAY			

GDM-500PS/500PST/500PST9



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

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
		RY602 Δ 1-755-031-11RELAY		C017	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		<TRANSFORMER>		C018	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		T601 Δ 1-429-180-11 TRANSFORMER, LINE FILTER		C019	1-126-967-11	ELECT 47 μ F	20% 50V
		T640 1-431-538-11 TRANSFORMER, CONVERTER (PIT)		C020	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		T641 1-429-992-11 TRANSFORMER, CONVERTER (PRT)		C021	1-163-023-00	CERAMIC CHIP 0.015 μ F	10% 50V
		T660 1-431-565-11 TRANSFORMER, CONVERTER (SRT)		C022	1-126-933-11	ELECT 100 μ F	20% 16V
		<THERMISTOR>		C023	1-163-009-11	CERAMIC CHIP 0.001 μ F	10% 50V
		TH601 Δ 1-809-260-11THERMISTOR, POWER		C025	1-126-960-11	ELECT 1 μ F	20% 50V
		THP601 Δ 1-809-827-11THERMISTOR, POSITIVE		C026	1-137-372-11	FILM 0.022 μ F	5% 50V
		<VARISTOR>		C027	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		VDR601 Δ 1-801-268-51VARISTOR TNR14V471K660		C028	1-164-690-91	CERAMIC CHIP 0.0022 μ F	5% 50V
		VDR602 Δ 1-810-622-21VARISTOR		C029	1-126-960-11	ELECT 1 μ F	20% 50V
		VDR640 1-810-974-21VARISTOR TNR10V431K660		C030	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		*****		C031	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		* 8-933-276-00 D BOARD, COMPLETE		C032	1-163-019-00	CERAMIC CHIP 0.0068 μ F	10% 50V
		*****		C034	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		4-040-989-01 SPRING (A), TR RETAINER (IC702)		C035	1-163-253-11	CERAMIC CHIP 120pF	5% 50V
		4-040-992-01 SPRING (AA), TR RETAINER		C036	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		(IC502, Q507)		C037	1-126-934-11	ELECT 220 μ F	20% 16V
		4-040-994-01 SPRING (BB), TR RETAINER		C038	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		(Q508, D519)		C039	1-126-964-11	ELECT 10 μ F	20% 50V
		4-047-285-01 SHEET, INSULATING (Q909)		C040	1-126-963-11	ELECT 4.7 μ F	20% 50V
		4-060-719-02 SHEET, INSULATE (IC502)		C041	1-126-960-11	ELECT 1 μ F	20% 50V
		4-060-720-01 SHEET, INSULATE (Q508)		C042	1-126-967-11	ELECT 47 μ F	20% 50V
		4-060-844-01 SHEET, INSULATING (IC702)		C043	1-126-967-11	ELECT 47 μ F	20% 50V
		4-382-854-01 SCREW (M3X8), P, SW (+) (R937)		C044	1-126-967-11	ELECT 47 μ F	20% 50V
		4-382-854-11 SCREW (M3X10), P, SW (+)		C045	1-163-137-00	CERAMIC CHIP 680pF	5% 50V
		(IC702, Q704, Q706, Q908, Q909)		C046	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
		7-685-646-79 SCREW +BVTP 3X8 TYPE2 IT-3		C047	1-126-934-11	ELECT 220 μ F	20% 16V
		(IC502, Q507, Q508, D519, R511)		C048	1-164-690-91	CERAMIC CHIP 0.0022 μ F	5% 50V
		<CAPACITOR>		C049	1-163-137-00	CERAMIC CHIP 680pF	5% 50V
		C001 1-163-021-91 CERAMIC CHIP 0.01 μ F	10% 50V	C050	1-163-809-11	CERAMIC CHIP 0.047 μ F	10% 25V
		C002 1-163-009-11 CERAMIC CHIP 0.001 μ F	10% 50V	C051	1-126-960-11	ELECT 1 μ F	20% 50V
		C003 1-163-019-00 CERAMIC CHIP 0.0068 μ F	10% 50V	C052	1-163-809-11	CERAMIC CHIP 0.047 μ F	10% 25V
		C004 1-163-021-91 CERAMIC CHIP 0.01 μ F	10% 50V	C054	1-126-963-11	ELECT 4.7 μ F	20% 50V
		C005 1-163-021-91 CERAMIC CHIP 0.01 μ F	10% 50V	C055	1-126-963-11	ELECT 4.7 μ F	20% 50V
		C007 1-163-021-91 CERAMIC CHIP 0.01 μ F	10% 50V	C056	1-163-809-11	CERAMIC CHIP 0.047 μ F	10% 25V
		C008 1-164-004-11 CERAMIC CHIP 0.1 μ F	10% 25V	C057	1-107-909-11	ELECT 47 μ F	20% 50V
		C009 1-164-004-11 CERAMIC CHIP 0.1 μ F	10% 25V	C058	1-126-934-11	ELECT 220 μ F	20% 16V
		C010 1-163-237-11 CERAMIC CHIP 27pF	5% 50V	C059	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		C011 1-163-237-11 CERAMIC CHIP 27pF	5% 50V	C060	1-126-964-11	ELECT 10 μ F	20% 50V
		C012 1-164-004-11 CERAMIC CHIP 0.1 μ F	10% 25V	C061	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		C013 1-126-967-11 ELECT 47 μ F	20% 50V	C063	1-130-495-00	FILM 0.1 μ F	5% 50V
		C014 1-107-914-11 ELECT 1000 μ F	20% 25V	C065	1-126-965-11	ELECT 22 μ F	20% 50V
		C015 1-107-914-11 ELECT 1000 μ F	20% 25V	C066	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
		C016 1-163-009-11 CERAMIC CHIP 0.001 μ F	10% 50V	C067	1-163-243-11	CERAMIC CHIP 47pF	5% 50V
				C068	1-126-964-11	ELECT 10 μ F	20% 50V
				C069	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
				C070	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
				C072	1-126-960-11	ELECT 1 μ F	20% 50V
				C073	1-163-227-11	CERAMIC CHIP 10pF	0.5pF 50V
				C074	1-163-009-11	CERAMIC CHIP 0.001 μ F	10% 50V
				C075	1-163-021-91	CERAMIC CHIP 0.01 μ F	10% 50V
				C076	1-163-809-11	CERAMIC CHIP 0.047 μ F	10% 25V
				C077	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V
				C078	1-164-004-11	CERAMIC CHIP 0.1 μ F	10% 25V



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C079	1-126-967-11	ELECT 47μF	20% 50V	C537	1-115-523-21	FILM 1.2μF	5% 250V
C080	1-126-967-11	ELECT 47μF	20% 50V	C538	1-117-958-11	FILM 0.24μF	5% 400V
C081	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C539	1-107-960-11	ELECT 4.7μF	20% 250V
C082	1-126-964-11	ELECT 10μF	20% 50V				
C083	1-130-495-00	FILM 0.1μF	5% 50V	C540	1-106-343-00	MYLAR 0.001μF	10% 200V
C084	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C541	1-163-243-11	CERAMIC CHIP 47pF	5% 50V
C085	1-130-495-00	FILM 0.1μF	5% 50V	C542	1-163-243-11	CERAMIC CHIP 47PF	5% 50V
C086	1-126-964-11	ELECT 10μF	20% 50V	C544	1-137-368-11	FILM 0.0047μF	5% 50V
C087	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C545	1-126-967-11	ELECT 47μF	20% 50V
C088	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C547	1-126-967-11	ELECT 47μF	20% 50V
C089	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C549	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C090	1-109-982-11	CERAMIC CHIP 1μF	10% 10V	C550	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C092	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C551	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V
C093	1-126-964-11	ELECT 10μF	20% 50V	C553	1-126-963-11	ELECT 4.7μF	20% 50V
C094	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C554	1-163-037-11	CERAMIC CHIP 0.022μF	10% 50V
C095	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C555	1-163-037-11	CERAMIC CHIP 0.022μF	10% 50V
C096	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C556	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V
C097	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C557	1-115-185-11	CERAMIC CHIP 0.033μF	10% 50V
C098	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C559	1-162-134-11	CERAMIC 470pF	10% 2KV
C099	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	C561	1-137-194-81	FILM 0.47μF	5% 50V
C501	1-107-909-11	ELECT 47μF	20% 50V	C562	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C502	1-163-259-91	CERAMIC CHIP 220pF	5% 50V	C563	1-117-214-11	CERAMIC 0.001μF	10% 2KV
C503	1-136-169-00	FILM 0.22μF	5% 50V	C564	1-126-963-11	ELECT 4.7μF	20% 50V
C504	1-137-605-11	FILM 0.01μF	10% 250V	C666	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C505	1-163-251-11	CERAMIC CHIP 100pF	5% 50V	C667	1-126-967-11	ELECT 47μF	20% 50V
C506	1-136-169-00	FILM 0.22μF	5% 50V	C701	1-126-967-11	ELECT 47μF	20% 50V
C507	1-137-194-81	FILM 0.47μF	5% 50V	C702	1-130-495-00	FILM 0.1μF	5% 50V
C508	1-163-037-11	CERAMIC CHIP 0.022μF	10% 50V	C705	1-126-942-61	ELECT 1000μF	20% 25V
C509	1-126-941-11	ELECT 470μF	20% 25V	C706	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C510	1-137-368-11	FILM 0.0047μF	5% 50V	C707	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C511	1-117-398-11	ELECT 33μF	20% 250V	C709	1-130-495-00	FILM 0.1μF	5% 50V
C512	1-107-889-11	ELECT 220μF	20% 25V	C710	1-163-019-00	CERAMIC CHIP 0.0068μF	10% 50V
C513	1-163-017-00	CERAMIC CHIP 0.0047μF	10% 50V	C711	1-107-894-11	ELECT 220μF	20% 35V
C514	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C712	1-106-228-00	MYLAR 0.22μF	10% 100V
C515	1-107-889-11	ELECT 220μF	20% 25V	C713	1-126-942-61	ELECT 1000μF	20% 25V
C516	1-130-495-00	FILM 0.1μF	5% 50V	C714	1-126-967-11	ELECT 47μF	20% 50V
C517	1-104-574-11	CERAMIC 0.0047μF	10% 2KV	C715	1-107-932-11	ELECT 47μF	20% 100V
C518	1-117-959-11	FILM 4700pF	3% 1.8KV	C717	1-107-930-91	ELECT 22μF	20% 100V
C519	1-107-444-11	CERAMIC 100pF	5% 2KV	C729	1-162-134-11	CERAMIC 470pF	10% 2KV
C520	1-136-553-11	FILM 0.0015μF	5% 630V	C735	1-130-495-00	FILM 0.1μF	5% 50V
C521	1-107-597-11	CERAMIC 22pF	5% 500V	C746	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V
C522	1-107-444-11	CERAMIC 100pF	5% 2KV	C747	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C523	1-137-370-11	FILM 0.01μF	5% 50V	C750	1-126-964-11	ELECT 10μF	20% 50V
C524	1-113-694-11	FILM 0.056μF	5% 250V	C751	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C525	1-107-846-11	FILM 0.1μF	5% 250V	C901	1-107-889-11	ELECT 220μF	20% 25V
C526	1-115-514-11	FILM 0.22μF	5% 250V	C902	1-163-809-11	CERAMIC CHIP 0.047μF	10% 25V
C527	1-115-517-11	FILM 0.39μF	5% 250V	C903	1-163-259-91	CERAMIC CHIP 220pF	5% 50V
C528	1-115-521-11	FILM 0.82μF	5% 250V	C904	1-137-605-11	FILM 0.01μF	10% 250V
C529	1-107-683-11	ELECT 2.2μF	0 250V	C905	1-104-653-11	ELECT 220μF	20% 16V
C530	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C906	1-106-220-00	MYLAR 0.1μF	10% 100V
C531	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C907	1-119-748-11	ELECT 33μF	20% 400V
C532	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C908	1-136-169-00	FILM 0.22μF	5% 50V
C533	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C909	1-106-355-12	MYLAR 0.0033μF	10% 200V
C534	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C910	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V
C535	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	C911	1-163-275-11	CERAMIC CHIP 0.001μF	5% 50V
C536	1-128-526-11	ELECT 100μF	20% 25V	C912	1-163-275-11	CERAMIC CHIP 0.001μF	5% 50V
				C913	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V

GDM-500PS/500PST/500PST9



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C914	1-163-275-11	CERAMIC CHIP 0.001μF	5% 50V	D025	8-719-976-99	ZENER DIODE DTZ5.1B	
C915	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D026	8-719-800-76	DIODE 1SS226	
C916	1-136-064-00	FILM 2200pF	3% 1.2KV	D027	8-719-800-76	DIODE 1SS226	
C917	1-107-889-11	ELECT 220μF	20% 25V	D028	8-719-800-76	DIODE 1SS226	
C919	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D029	8-719-800-76	DIODE 1SS226	
C920	1-163-009-11	CERAMIC CHIP 0.001μF	10% 50V	D032	8-719-976-99	ZENER DIODE DTZ5.1B	
C921	1-163-243-11	CERAMIC CHIP 47pF	5% 50V	D035	8-719-801-78	DIODE 1SS184	
C922	1-117-665-11	FILM 0.33μF	5% 200V	D050	8-719-404-50	DIODE MA111-TX	
C923	1-106-359-00	MYLAR 0.0047μF	10% 100V	D501	8-719-977-40	ZENER DIODE DTZ13B	
C924	1-106-220-00	MYLAR 0.1μF	10% 100V	D502	8-719-063-89	DIODE YG911S3R	
C925	1-137-372-11	FILM 0.022μF	5% 50V	D503	8-719-404-50	DIODE MA111-TX	
C926	1-106-228-00	MYLAR 0.22μF	10% 100V	D504	8-719-984-73	DIODE SB560	
C927	1-107-903-11	ELECT 2.2μF	20% 50V	D505	8-719-018-82	DIODE RGP02-20EL-6394	
C928	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D506	8-719-911-19	DIODE 1SS119-25	
C929	1-128-526-11	ELECT 100μF	20% 25V	D507	8-719-911-19	DIODE 1SS119-25	
C930	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D508	8-719-109-85	ZENER DIODE RD5.1ESB2	
C931	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D509	8-719-911-19	DIODE 1SS119-25	
C945	1-107-909-11	ELECT 47μF	20% 50V	D510	8-719-951-30	DIODE ERA91-02	
C1003	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D511	8-719-911-19	DIODE 1SS119-25	
C1004	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D512	8-719-018-82	DIODE RGP02-20EL-6394	
C1005	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D513	8-719-404-50	DIODE MA111-TX	
C1007	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D514	8-719-109-93	ZENER DIODE RD6.2ESB2	
C1008	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D516	8-719-105-99	ZENER DIODE RD6.2M-B1	
C1009	1-126-960-11	ELECT 1μF	20% 50V	D517	8-719-105-99	ZENER DIODE RD6.2M-B1	
C1501	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	D518	8-719-404-50	DIODE MA111-TX	
C1502	1-117-722-11	ELECT 2200μF	20% 10V	D519	8-719-066-36	DIODE FMQ-G5GS	
C1503	1-163-001-11	CERAMIC CHIP 220pF	10% 50V	D520	8-719-031-34	DIODE RGP02-20EG23	
<CONNECTOR>				D521	8-719-404-50	DIODE MA111-TX	
CN501*	1-564-512-11	PLUG, CONNECTOR 9P		D660	8-719-977-69	ZENER DIODE DTZ24B	
CN502*	1-764-334-11	PLUG, CONNECTOR 11P		D701	8-719-158-15	ZENER DIODE RD5.6SB	
CN503*	1-564-510-11	PLUG, CONNECTOR 7P		D704	8-719-404-50	DIODE MA111-TX	
CN504*	1-564-508-11	PLUG, CONNECTOR 5P		D705	8-719-404-50	DIODE MA111-TX	
CN505*	1-508-879-11	BASE POST		D706	8-719-976-99	ZENER DIODE DTZ5.1B	
CN506*	1-564-511-11	PLUG, CONNECTOR 8P		D709	8-719-979-85	DIODE EGP20G	
CN507	1-764-101-11	PIN, CONNECTOR (PC BOARD) 2P		D713	8-719-911-19	DIODE 1SS119-25	
CN508*	1-778-955-11	PIN, CONNECTOR (PC BOARD) 10P		D714	8-719-911-19	DIODE 1SS119-25	
CN509	1-564-505-11	PLUG, CONNECTOR 2P		D715	8-719-911-19	DIODE 1SS119-25	
CN511*	1-764-334-11	PLUG, CONNECTOR 11P		D718	8-719-976-99	ZENER DIODE DTZ5.1B	
CN512*	1-564-512-11	PLUG, CONNECTOR 9P		D720	8-719-028-72	DIODE RGP02-17EL-6433	
CN520*	1-564-509-11	PLUG, CONNECTOR 6P		D721	8-719-028-72	DIODE RGP02-17EL-6433	
CN901*	1-564-520-11	PLUG, CONNECTOR 5P		D901	8-719-404-50	DIODE MA111-TX	
<DIODE>				D902	8-719-404-50	DIODE MA111-TX	
D004	8-719-800-76	DIODE 1SS226		D903	8-719-911-19	DIODE 1SS119-25	
D009	8-719-976-99	DIODE DTZ5.1B		D904	8-719-404-50	DIODE MA111-TX	
D010	8-719-976-99	ZENER DIODE DTZ5.1B		D905	8-719-404-50	DIODE MA111-TX	
D012	8-719-800-76	DIODE 1SS226		D906	8-719-404-50	DIODE MA111-TX	
D013	8-719-800-76	DIODE 1SS226		D907	8-719-158-49	ZENER DIODE RD12SB2	
D014	8-719-800-76	DIODE 1SS226		D908	8-719-158-49	ZENER DIODE RD12SB2	
D015	8-719-800-76	DIODE 1SS226		D909	8-719-977-40	ZENER DIODE DTZ13B	
D016	8-719-800-76	DIODE 1SS226		D910	8-719-063-89	DIODE YG911S3R	
D019	8-719-800-76	DIODE 1SS226		D911	8-719-978-69	ZENER DIODE DTZ-TT11-16B	
D020	8-719-800-76	DIODE 1SS226		D913	8-719-158-49	ZENER DIODE RD12SB2	
				D915	8-719-109-85	ZENER DIODE RD5.1ESB2	
				D916	8-719-939-79	DIODE GMA01-BT	
				D917	8-719-110-46	ZENER DIODE RD16ESB3	
				D919	8-719-911-19	DIODE 1SS119-25	

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

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

GDM-500PS/500PST/500PST9



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
D921	8-719-404-50	DIODE MA111-TX		L505	1-406-675-11	COIL, CHOKE 4.7mH	
D922	8-719-404-50	DIODE MA111-TX		L507	1-406-675-11	COIL, CHOKE 4.7mH	
D923	8-719-404-50	DIODE MA111-TX		L701	1-412-537-31	INDUCTOR 100μH	
D924	8-719-976-99	ZENER DIODE DTZ5.1B		L702	1-412-522-31	INDUCTOR 5.6μH	
D935	8-719-977-81	ZENER DIODE DTZ33B		L901	1-412-537-31	INDUCTOR 100μH	
D1501	8-719-976-99	ZENER DIODE DTZ5.1B		L902	1-406-660-41	COIL, CHOKE 15μH	
D1502	8-719-404-50	DIODE MA111-TX		L903	1-412-537-31	INDUCTOR 100μH	
D1503	8-719-404-50	DIODE MA111-TX					
<FERRITE BEAD>				<IC LINK>			
FB501	1-410-397-21	INDUCTOR, FERRITE BEAD	1.1μH	PS501 Δ	1-533-592-31	LINK, IC (1.6A/90V AC, 60V DC)	
FB502	1-410-397-21	INDUCTOR, FERRITE BEAD	1.1μH	PS502 Δ	1-532-984-91	LINK, IC (2A/90V)	
FB901	1-410-397-21	INDUCTOR, FERRITE BEAD	1.1μH	PS503 Δ	1-532-984-91	LINK, IC (2A/90V)	
FB1025	1-414-232-11	INDUCTOR, FERRITE BEAD	1.1μH	PS504 Δ	1-532-984-91	LINK, IC (2A/90V)	
				PS701 Δ	1-533-590-31	LINK, IC (1A/90V AC, 60V DC)	
<IC>				PS901 Δ	1-533-592-31	LINK, IC (1.6A/90V AC, 60V DC)	
IC001	8-759-531-24	IC MB90553PF-G-120-BND		<TRANSISTOR>			
IC002	8-759-442-20	IC 24LC21AT/SN		Q001	8-729-027-31	TRANSISTOR DTA124EKA-T146	
IC003	8-759-168-20	IC TA78L09S		Q003	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	
IC004	8-759-454-79	IC 24LC16BT/SN		Q004	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	
IC005	8-759-162-80	IC MM1170BFB		Q005	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	
IC006	8-759-231-53	IC TA7805S		Q006	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC007	8-752-078-46	IC CXA2043Q		Q007	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC008	8-759-701-59	IC NJM78M09FA		Q501	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC009	8-759-082-57	IC TC7W04FU		Q502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC010	8-752-083-83	IC CXA2044M-T6		Q503	8-729-901-97	TRANSISTOR 2SA1036K-Q	
IC011	8-759-708-05	IC NJM78L05A		Q504	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC013	8-759-233-66	IC TC74HCT04AF		Q505	8-729-901-97	TRANSISTOR 2SA1036K-Q	
IC502	8-759-803-42	IC LA6500-FA		Q506	8-729-820-73	TRANSISTOR 2SC3746	
IC505	8-759-100-96	IC μPC4558G2		Q507	8-729-035-54	TRANSISTOR 2SJ449	
IC701	8-759-822-38	IC LA6510		Q508	8-729-031-87	TRANSISTOR 2SC5047-CA	
IC702	8-759-444-82	IC LA7841L		Q509	8-729-033-25	TRANSISTOR DTC114GKA	
IC703	8-759-100-96	IC μPC4558G2		Q510	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
IC901	8-759-467-70	IC BA9756FS-E2		Q511	8-729-140-50	TRANSISTOR 2SC3209LK	
<CHIP CONDUCTOR>				Q512	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
JR001	1-216-295-91	SHORT	0	Q517	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	
JR002	1-216-295-91	SHORT	0	Q522	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
JR003	1-216-295-91	SHORT	0	Q523	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
JR004	1-216-295-91	SHORT	0	Q524	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
<COIL>				Q525	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
L001	1-406-665-11	COIL, CHOKE 100μH		Q526	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
L002	1-406-665-11	COIL, CHOKE 100μH		Q527	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
L003	1-412-537-31	INDUCTOR 100μH		Q528	8-729-043-41	TRANSISTOR 2SK2098-01MR-F119	
L004	1-412-537-31	INDUCTOR 100μH		Q660	8-729-033-26	TRANSISTOR DTA114GKAT146	
L006	1-410-482-31	INDUCTOR 100μH		Q661	8-729-033-25	TRANSISTOR DTC114GKA	
L007	1-412-537-31	INDUCTOR 100μH		Q701	8-729-800-32	TRANSISTOR 2SC2362K-G	
L008	1-412-537-31	INDUCTOR 100μH		Q703	8-729-178-43	TRANSISTOR 2SC2784-E	
L501	1-412-537-31	INDUCTOR 100μH		Q704	8-729-207-82	TRANSISTOR 2SC3421-Y	
L502	1-406-671-11	COIL, CHOKE 1.0mH		Q705	8-729-204-91	TRANSISTOR 2SA1049-GR	
L503	1-416-455-11	COIL, HORIZONTAL LINEARITY		Q706	8-729-207-89	TRANSISTOR 2SA1358-Y	
L504	1-416-456-11	COIL, HORIZONTAL LINEARITY		Q707	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	
				Q708	8-729-020-07	TRANSISTOR 2SC4686A(LBSONY)	
				Q901	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
				Q902	8-729-920-72	TRANSISTOR 2SA1037K-T-146-QR	

GDM-500PS/500PST/500PST9



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
Q904	8-729-901-87	TRANSISTOR 2SC2411K-CQ		R058	1-216-663-11	METAL CHIP 3.3K	0.50%1/10W
Q905	8-729-901-97	TRANSISTOR 2SA1036K-Q		R059	1-216-065-91	RES,CHIP 4.7K	5% 1/10W
Q908	8-729-035-54	TRANSISTOR 2SJ449					
Q909	8-729-033-91	TRANSISTOR 2SK1120LBSOY2		R060	1-216-025-91	RES, CHIP 100	5% 1/10W
Q911	8-729-033-25	TRANSISTOR DTC114GKA		R061	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
				R063	1-216-025-91	RES, CHIP 100	5% 1/10W
				R064	1-216-025-91	RES, CHIP 100	5% 1/10W
				R065	1-216-025-91	RES, CHIP 100	5% 1/10W
				R066	1-216-025-91	RES, CHIP 100	5% 1/10W
				R067	1-216-025-91	RES, CHIP 100	5% 1/10W
				R068	1-216-025-91	RES, CHIP 100	5% 1/10W
				R069	1-216-017-91	RES, CHIP 47	5% 1/10W
				R070	1-216-675-11	METAL CHIP 10K	0.50%1/10W
				R071	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R072	1-216-651-11	METAL CHIP 1K	0.50%1/10W
				R073	1-216-295-91	SHORT 0	
				R074	1-216-675-11	METAL CHIP 10K	0.50%1/10W
				R075	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R076	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R077	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R078	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R081	1-216-675-11	METAL CHIP 10K	0.50%1/10W
				R082	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R083	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R084	1-216-025-91	RES, CHIP 100	5% 1/10W
				R085	1-216-025-91	RES, CHIP 100	5% 1/10W
				R086	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R088	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R089	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R090	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R092	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R094	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R096	1-216-671-11	METAL CHIP 6.8K	0.50%1/10W
				R097	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R101	1-216-049-91	RES, CHIP 1K	5% 1/10W
				R501	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
				R502	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R503	1-216-041-00	RES, CHIP 470	5% 1/10W
				R504	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R505	1-216-041-00	RES, CHIP 470	5% 1/10W
				R506	1-249-397-11	CARBON 22	5% 1/4W F
				R507	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
				R508	1-216-025-91	RES, CHIP 100	5% 1/10W
				R509	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
				R510	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
				R511	1-219-726-11	METAL 2.2	5% 10W
				R512	1-216-627-11	METAL CHIP 100	0.50%1/10W
				R513	1-215-860-11	METAL OXIDE 33	5% 1W F
				R514	1-211-796-11	FUSIBLE 1	5% 1/2W F
				R515	1-216-675-11	METAL CHIP 10K	0.50%1/10W
				R516	1-247-815-91	CARBON 220	5% 1/4W
				R517	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
				R518	1-216-097-91	RES, CHIP 100K	5% 1/10W
				R519	1-216-393-00	METAL OXIDE 2.2	5% 3W F
				R520	1-216-393-00	METAL OXIDE 2.2	5% 3W F
				R521	1-249-413-11	CARBON 470	5% 1/4W F
				R522	1-216-423-11	METAL OXIDE 27	5% 1W F



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R523	1-249-421-11	CARBON	2.2K 5% 1/4W F	R583	1-216-677-11	METAL CHIP	12K 0.50%1/10W
R524	1-215-869-11	METAL OXIDE	1K 5% 1W F	R584	1-216-081-00	RES, CHIP	22K 5% 1/10W
R525	1-216-681-11	METAL CHIP	18K 0.50%1/10W	R585	1-216-081-00	RES, CHIP	22K 5% 1/10W
R526	1-214-840-00	METAL	100 1% 1/2W	R586	1-216-049-91	RES, CHIP	1K 5% 1/10W
R527	1-214-840-00	METAL	100 1% 1/2W	R587	1-216-049-91	RES, CHIP	1K 5% 1/10W
R528	1-214-840-00	METAL	100 1% 1/2W	R588	1-216-097-91	RES, CHIP	100K 5% 1/10W
R529	1-260-313-51	CARBON	56 5% 1/2W	R589	1-216-097-91	RES, CHIP	100K 5% 1/10W
R530	1-249-437-11	CARBON	47K 5% 1/4W	R590	1-216-675-11	METAL CHIP	10K 0.50%1/10W
R531	1-249-437-11	CARBON	47K 5% 1/4W	R591	1-216-675-11	METAL CHIP	10K 0.50%1/10W
R532	1-249-437-11	CARBON	47K 5% 1/4W	R594	1-249-437-11	CARBON	47K 5% 1/4W
R533	1-249-437-11	CARBON	47K 5% 1/4W	R595	1-249-437-11	CARBON	47K 5% 1/4W
R534	1-249-437-11	CARBON	47K 5% 1/4W	R596	1-216-683-11	METAL CHIP	22K 0.50%1/10W
R535	1-216-049-91	RES, CHIP	1K 5% 1/10W	R663	1-215-482-00	METAL	360K 1% 1/4W
R536	1-216-049-91	RES, CHIP	1K 5% 1/10W	R664	1-215-459-00	METAL	39K 1% 1/4W
R537	1-216-049-91	RES, CHIP	1K 5% 1/10W	R665	1-216-049-91	RES, CHIP	1K 5% 1/10W
R538	1-216-049-91	RES, CHIP	1K 5% 1/10W	R667	1-216-041-00	RES, CHIP	470 5% 1/10W
R539	1-216-049-91	RES, CHIP	1K 5% 1/10W	R669	1-216-671-11	METAL CHIP	6.8K 0.50%1/10W
R540	1-216-073-00	RES, CHIP	10K 5% 1/10W	R701	1-249-383-11	CARBON	1.5 5% 1/4W F
R541	1-260-314-11	CARBON	68 5% 1/2W	R702	1-216-057-00	RES, CHIP	2.2K 5% 1/10W
R542	1-215-863-11	METAL OXIDE	100 5% 1W F	R703	1-216-085-00	RES, CHIP	33K 5% 1/10W
R543	1-216-640-11	METAL CHIP	360 0.50%1/10W	R704	1-249-383-11	CARBON	1.5 5% 1/4W F
R544	1-260-085-11	CARBON	68 5% 1/2W	R705	1-249-385-11	CARBON	2.2 5% 1/4W
R545	1-216-683-11	METAL CHIP	22K 0.50%1/10W	R706	1-216-093-91	RES, CHIP	68K 5% 1/10W
R546	1-260-288-11	CARBON	0.47 5% 1/2W	R707	1-249-421-11	CARBON	2.2K 5% 1/4W
R547	1-216-663-11	METAL CHIP	3.3K 0.50%1/10W	R708	1-216-073-00	RES, CHIP	10K 5% 1/10W
R548	1-215-443-00	METAL	8.2K 1% 1/4W	R709	1-216-473-11	METAL OXIDE	56 5% 3W F
R549	1-216-675-11	METAL CHIP	10K 0.50%1/10W	R710	1-216-073-00	RES, CHIP	10K 5% 1/10W
R550	1-260-288-11	CARBON	0.47 5% 1/2W	R715	1-216-077-00	RES, CHIP	15K 5% 1/10W
R551	1-216-659-11	METAL CHIP	2.2K 0.50%1/10W	R719	1-249-383-11	CARBON	1.5 5% 1/4W F
R552	1-216-057-00	RES, CHIP	2.2K 5% 1/10W	R720	1-260-292-11	CARBON	1 5% 1/2W
R553	1-216-655-11	METAL CHIP	1.5K 0.50%1/10W	R721	1-216-667-11	METAL CHIP	4.7K 0.50%1/10W
R554	1-216-675-11	METAL CHIP	10K 0.50%1/10W	R722	1-216-691-11	METAL CHIP	47K 0.50%1/10W
R555	1-216-065-91	RES, CHIP	4.7K 5% 1/10W	R723	1-216-663-11	METAL CHIP	3.3K 0.50%1/10W
R556	1-216-674-11	METAL CHIP	9.1K 0.50%1/10W	R724	1-214-798-21	METAL	1.8 1% 1/2W
R557	1-218-760-11	METAL CHIP	220K 0.50%1/10W	R725	1-214-798-21	METAL	1.8 1% 1/2W
R558	1-216-683-11	METAL CHIP	22K 0.50%1/10W	R726	1-216-675-11	METAL CHIP	10K 0.50%1/10W
R561	1-216-683-11	METAL CHIP	22K 0.50%1/10W	R727	1-260-292-11	CARBON	1 5% 1/2W
R562	1-249-401-11	CARBON	47 5% 1/4W F	R728	1-249-381-11	CARBON	1 5% 1/4W F
R563	1-216-662-11	METAL CHIP	3K 0.50%1/10W	R729	1-215-865-11	METAL OXIDE	220 5% 1W F
R564	1-216-697-91	METAL CHIP	82K 0.50%1/10W	R730	1-219-746-11	CARBON	1K 5% 1/2W
R565	1-216-671-11	METAL CHIP	6.8K 0.50%1/10W	R731	1-216-073-00	RES, CHIP	10K 5% 1/10W
R566	1-260-311-11	CARBON	39 5% 1/2W	R732	1-216-073-00	RES, CHIP	10K 5% 1/10W
R567	1-216-627-11	METAL CHIP	100 0.50%1/10W	R733	1-219-746-11	CARBON	1K 5% 1/2W
R568	1-216-655-11	METAL CHIP	1.5K 0.50%1/10W	R734	1-215-881-11	METAL OXIDE	15 5% 2W F
R571	1-216-381-11	METAL OXIDE	0.22 5% 3W F	R737	1-249-377-11	CARBON	0.47 5% 1/4W F
R572	1-216-097-91	RES, CHIP	100K 5% 1/10W	R738	1-249-377-11	CARBON	0.47 5% 1/4W F
R573	1-216-097-91	RES, CHIP	100K 5% 1/10W	R739	1-249-413-11	CARBON	470 5% 1/4W F
R574	1-216-097-91	RES, CHIP	100K 5% 1/10W	R741	1-249-430-11	CARBON	12K 5% 1/4W
R575	1-216-097-91	RES, CHIP	100K 5% 1/10W	R742	1-249-419-11	CARBON	1.5K 5% 1/4W
R576	1-216-097-91	RES, CHIP	100K 5% 1/10W	R743	1-216-049-91	RES,CHIP	1K 5% 1/10W
R577	1-216-057-00	RES, CHIP	2.2K 5% 1/10W	R748	1-216-683-11	METAL CHIP	22K 0.50%1/10W
R578	1-216-025-91	RES, CHIP	100 5% 1/10W	R749	1-216-049-91	RES, CHIP	1K 5% 1/10W
R579	1-216-672-11	METAL CHIP	7.5K 0.50%1/10W	R750	1-216-057-00	RES, CHIP	2.2K 5% 1/10W
R580	1-216-073-00	RES, CHIP	10K 5% 1/10W	R751	1-216-065-91	RES, CHIP	4.7K 5% 1/10W
R581	1-216-073-00	RES, CHIP	10K 5% 1/10W	R752	1-216-083-00	RES, CHIP	27K 5% 1/10W
R582	1-216-073-00	RES, CHIP	10K 5% 1/10W				

GDM-500PS/500PST/500PST9



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

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

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R753	1-219-720-11	METAL 10M	5% 1W	R1012	1-216-049-91	RES, CHIP 1K	5% 1/10W
R754	1-219-754-11	CARBON 680K	5% 1/2W	R1013	1-216-049-91	RES, CHIP 1K	5% 1/10W
R755	1-219-754-11	CARBON 680K	5% 1/2W	R1014	1-216-049-91	RES, CHIP 1K	5% 1/10W
R756	1-220-824-11	CARBON 270K	5% 1/2W	R1015	1-216-295-91	SHORT 0	
R759	1-218-754-11	METAL CHIP 120K	0.50% 1/10W				
R776	1-216-049-91	RES, CHIP 1K	5% 1/10W	R1016	1-216-049-91	RES, CHIP 1K	5% 1/10W
R777	1-216-681-11	METAL CHIP 18K	0.50% 1/10W	R1017	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
R778	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W	R1020	1-216-049-91	RES, CHIP 1K	5% 1/10W
R779	1-216-049-91	RES, CHIP 1K	5% 1/10W	R1021	1-216-049-91	RES, CHIP 1K	5% 1/10W
R784	1-216-081-00	RES, CHIP 22K	5% 1/10W	R1022	1-216-295-91	SHORT 0	
R900	1-216-399-00	METAL OXIDE 6.8	5% 3W F	R1023	1-216-295-91	SHORT 0	
R901	1-216-057-00	RES, CHIP 2.2K	5% 1/10W	R1024	1-216-295-91	SHORT 0	
R902	1-216-065-91	RES, CHIP 4.7K	5% 1/10W	R1025	1-249-389-11	CARBON 4.7	5% 1/4W F
R903	1-216-073-00	RES, CHIP 10K	5% 1/10W	R1027	1-216-065-91	RES, CHIP 4.7K	5% 1/10W
R904	1-216-057-00	RES, CHIP 2.2K	5% 1/10W	R1028	1-216-049-91	RES, CHIP 1K	5% 1/10W
R905	1-216-025-91	RES, CHIP 100	5% 1/10W	R1501	1-216-057-00	RES, CHIP 2.2K	5% 1/10W
R906	1-216-065-91	RES, CHIP 4.7K	5% 1/10W	R1502	1-216-073-00	RES, CHIP 10K	5% 1/10W
R907	1-216-025-91	RES, CHIP 100	5% 1/10W	R1503	1-216-125-00	RES, CHIP 1.5M	5% 1/10W
R908	1-216-091-00	RES, CHIP 56K	5% 1/10W	R1504	1-216-097-91	RES, CHIP 100K	5% 1/10W
R909	1-216-689-11	RES, CHIP 39K	5% 1/10W	R1513	1-216-049-91	RES, CHIP 1K	5% 1/10W
R910	1-216-073-00	RES, CHIP 10K	5% 1/10W	R1514	1-216-049-91	RES, CHIP 1K	5% 1/10W
R911	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R912	1-218-768-11	METAL CHIP 470K	0.50% 1/10W	<RELAY>			
R913	1-219-748-11	CARBON 4.7K	5% 1/2W	RY501	1-755-137-11	RELAY	
R914	1-219-510-11	CARBON 470K	5% 1/2W				
R915	1-249-437-11	CARBON 47K	5% 1/4W	<SPARK GAP>			
R916	1-249-429-11	CARBON 10K	5% 1/4W	SG701	1-519-422-11	GAP, SPARK	
R917	1-216-073-00	RES, CHIP 10K	5% 1/10W	SG702	1-519-422-11	GAP, SPARK	
R918	1-216-097-91	RES, CHIP 100K	5% 1/10W	SG901	1-517-499-21	GAP, SPARK	
R919	1-216-025-91	RES, CHIP 100	5% 1/10W				
R920	1-249-401-11	CARBON 47	5% 1/4W F	<TRANSFORMER>			
R921	1-216-668-11	METAL CHIP 5.1K	0.50% 1/10W	T501	1-429-303-21	TRANSFORMER, FERRITE (HDT)	
R922	1-216-041-00	RES, CHIP 470	5% 1/10W	T502	1-416-401-11	COIL, CHOKE 5mH	
R923	1-216-675-11	METAL CHIP 10K	0.50% 1/10W	T503	1-431-413-11	TRANSFORMER, FERRITE (HST)	
R924	1-249-397-11	CARBON 22	5% 1/4W F	T504	1-416-257-11	COIL, CHOKE (HCC) 2.0MH	
R925	1-216-653-11	METAL CHIP 1.2K	0.50% 1/10W	T701	1-431-414-11	TRANSFORMER, FERRITE (DFT)	
R926	1-216-653-11	METAL CHIP 1.2K	0.50% 1/10W				
R927	1-216-073-00	RES, CHIP 10K	5% 1/10W	T901	1-416-402-11	COIL, CHOKE 500μH	
R928	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W	T902 Δ	X-4035-170-1	TRANSFORMER ASSY, FLYBACK	
R929	1-216-033-00	RES, CHIP 220	5% 1/10W			(NX-4142/J1D4)	
R930	1-216-033-00	RES, CHIP 220	5% 1/10W	<THERMISTOR>			
R933	1-216-683-11	METAL CHIP 22K	0.50% 1/10W	TH501	1-807-796-11	THERMISTOR	
R934	1-216-667-11	METAL CHIP 4.7K	0.50% 1/10W	TH502	1-807-796-11	THERMISTOR	
R937	1-219-727-11	METAL 68	5% 10W				
R940	1-249-393-11	CARBON 10	5% 1/4W F	<CRYSTAL>			
R941	1-216-073-00	RES, CHIP 10K	5% 1/10W	X001	1-567-781-61	VIBRATOR, CRYSTAL (4MHz)	
R980	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R981	1-216-025-91	RES, CHIP 100	5% 1/10W				
R1001	1-216-073-00	RES, CHIP 10K	5% 1/10W				
R1003	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R1004	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R1005	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R1006	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R1007	1-216-049-91	RES, CHIP 1K	5% 1/10W				
R1009	1-216-097-91	RES, CHIP 100K	5% 1/10W				
R1011	1-216-073-00	RES, CHIP 10K	5% 1/10W				

GDM-500PS/500PST/500PST9

L or L3

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C5205	1-164-489-11	CERAMIC CHIP 0.22μF	10% 16V	R5003	1-216-295-91	SHORT	0
C5206	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5005	1-216-689-11	RES,CHIP	39K 5% 1/10W
C5301	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5006	1-216-073-00	RES,CHIP	10K 5% 1/10W
C5303	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5007	1-216-049-91	RES,CHIP	1K 5% 1/10W
C5304	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				
C5305	1-104-664-11	ELECT 47μF	20% 25V	R5008	1-216-295-91	SHORT	0 (L BOARD)
C5306	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5009	1-216-295-91	SHORT	0 (L BOARD)
C5307	1-130-495-00	FILM 0.1μF	5% 50V	R5010	1-216-295-91	SHORT	0
C5308	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5011	1-216-073-00	RES, CHIP	10K 5% 1/10W
C5309	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5012	1-216-295-91	SHORT	0 (L BOARD)
C5310	1-104-664-11	ELECT 47μF	20% 25V				
C5311	1-130-495-00	FILM 0.1μF	5% 50V	R5013	1-216-295-91	SHORT	0 (L BOARD)
C5401	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5015	1-216-049-91	RES, CHIP	1K 5% 1/10W
C5403	1-163-021-91	CERAMIC CHIP 0.01μF	10% 50V	R5101	1-249-383-11	CARBON	1.5 5% 1/4W F
C5404	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5102	1-249-383-11	CARBON	1.5 5% 1/4W F
C5405	1-104-664-11	ELECT 47μF	20% 25V	R5108	1-216-308-00	RES, CHIP	4.7 5% 1/10W
C5406	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V				
C5407	1-130-495-00	FILM 0.1μF	5% 50V	R5109	1-216-308-00	RES, CHIP	4.7 5% 1/10W
C5408	1-163-003-11	CERAMIC CHIP 330pF	10% 50V	R5110	1-216-073-00	RES, CHIP	10K 5% 1/10W
C5409	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5111	1-216-308-00	RES, CHIP	4.7 5% 1/10W
C5410	1-104-664-11	ELECT 47μF	20% 25V	R5112	1-249-383-11	CARBON	1.5 5% 1/4W F
C5412	1-164-004-11	CERAMIC CHIP 0.1μF	10% 25V	R5113	1-216-073-00	RES, CHIP	10K 5% 1/10W
C5501	1-126-934-11	ELECT 220μF	20% 10V				
<CONNECTOR>				R5114	1-249-441-11	CARBON	100K 5% 1/4W F
CN5001*1-564-512-11	PLUG, CONNECTOR 9P			R5115	1-215-882-00	METAL OXIDE	22 5% 2W F
CN5002*1-564-509-11	PLUG, CONNECTOR 6P			R5116	1-216-073-00	RES, CHIP	10K 5% 1/10W
CN5003 1-564-513-11	PLUG, CONNECTOR 10P			R5117	1-216-308-00	RES, CHIP	4.7 5% 1/10W
CN5004*1-564-507-11	PLUG, CONNECTOR 4P			R5119	1-216-073-00	RES, CHIP	10K 5% 1/10W
<DIODE>							
D5002	8-719-801-78	DIODE 1SS184		R5120	1-249-383-11	CARBON	1.5 5% 1/4W F
D5101	8-719-800-76	DIODE 1SS226		R5121	1-249-441-11	CARBON	100K 5% 1/4W F
D5103	8-719-800-76	DIODE 1SS226		R5122	1-215-882-00	METAL OXIDE	22 5% 2W F
D5201	8-719-800-76	DIODE 1SS226		R5201	1-249-383-11	CARBON	1.5 5% 1/4W F
D5301	8-719-800-76	DIODE 1SS226		R5202	1-249-383-11	CARBON	1.5 5% 1/4W F
D5303	8-719-800-76	DIODE 1SS226					
D5401	8-719-800-76	DIODE 1SS226		R5203	1-249-383-11	CARBON	1.5 5% 1/4W F
D5403	8-719-800-76	DIODE 1SS226		R5204	1-249-441-11	CARBON	100K 5% 1/4W F
D5501	8-719-976-96	ZENER DIODE DTZ4.7C		R5205	1-216-073-00	RES,CHIP	10K 5% 1/10W
<SENSOR>				R5206	1-215-859-00	METAL OXIDE	22 5% 1W F
GS50018-610-154-91	SENSOR UNIT, MAGNETIC MIU-212			R5207	1-216-073-00	RES, CHIP	10K 5% 1/10W
<IC>							
IC5101	8-759-822-38	IC LA6510		R5208	1-216-670-11	METAL CHIP	6.2K 0.50%1/10W
IC5201	8-759-803-42	IC LA6500-FA		R5301	1-249-383-11	CARBON	1.5 5% 1/4W F
IC5301	8-759-822-38	IC LA6510		R5302	1-249-383-11	CARBON	1.5 5% 1/4W F
IC5401	8-759-822-38	IC LA6510		R5308	1-216-308-00	RES, CHIP	4.7 5% 1/10W
<RESISTOR>				R5309	1-216-308-00	RES, CHIP	4.7 5% 1/10W
R5001	1-249-383-11	CARBON 1.5	5% 1/4W F				
				R5310	1-216-073-00	RES, CHIP	10K 5% 1/10W
				R5311	1-216-308-00	RES, CHIP	4.7 5% 1/10W
				R5312	1-249-383-11	CARBON	1.5 5% 1/4W F
				R5313	1-216-073-00	RES, CHIP	10K 5% 1/10W
				R5314	1-249-441-11	CARBON	100K 5% 1/4W F
				R5315	1-215-882-00	METAL OXIDE	22 5% 2W F
				R5316	1-216-073-00	RES, CHIP	10K 5% 1/10W
				R5317	1-216-308-00	RES, CHIP	4.7 5% 1/10W
				R5319	1-216-073-00	RES, CHIP	10K 5% 1/10W
				R5320	1-249-383-11	CARBON	1.5 5% 1/4W F
				R5321	1-249-441-11	CARBON	100K 5% 1/4W F
				R5322	1-215-882-00	METAL OXIDE	22 5% 2W F
				R5401	1-249-383-11	CARBON	1.5 5% 1/4W F
				R5402	1-249-383-11	CARBON	1.5 5% 1/4W F
				R5406	1-216-689-11	RES, CHIP	39K 5% 1/10W
				R5407	1-216-079-00	RES, CHIP	18K 5% 1/10W
				R5408	1-216-308-00	RES, CHIP	4.7 5% 1/10W

L or L3

REF.NO.	PART NO.	DESCRIPTION		REMARK
R5409	1-216-308-00	RES, CHIP	4.7	5% 1/10W
R5410	1-216-089-91	RES, CHIP	47K	5% 1/10W
R5411	1-216-308-00	RES, CHIP	4.7	5% 1/10W
R5412	1-249-383-11	CARBON	1.5	5% 1/4W F
R5413	1-216-097-91	RES, CHIP	100K	5% 1/10W
R5414	1-249-441-11	CARBON	100K	5% 1/4W F
R5415	1-215-886-11	METAL OXIDE	100	5% 2W F
R5416	1-216-077-00	RES, CHIP	15K	5% 1/10W
R5417	1-216-308-00	RES, CHIP	4.7	5% 1/10W
R5419	1-216-089-91	RES, CHIP	47K	5% 1/10W
R5420	1-249-383-11	CARBON	1.5	5% 1/4W F
R5421	1-249-441-11	CARBON	100K	5% 1/4W F
R5422	1-215-885-00	METAL OXIDE	68	5% 2W F
R5423	1-216-105-91	RES, CHIP	220K	5% 1/10W
R5501	1-216-057-00	RES, CHIP	2.2K	5% 1/10W
R5502	1-216-681-11	METAL CHIP	18K	0.50%1/10W
R5503	1-216-681-11	METAL CHIP	18K	0.50%1/10W
R5504	1-216-093-00	RES, CHIP	68K	5% 1/10W
R5505	1-216-067-00	RES, CHIP	5.6K	5% 1/10W
R5506	1-216-670-11	METAL CHIP	6.2K	0.50%1/10W