

CD RECEIVER

GX806EF2

SERVICE MANUAL

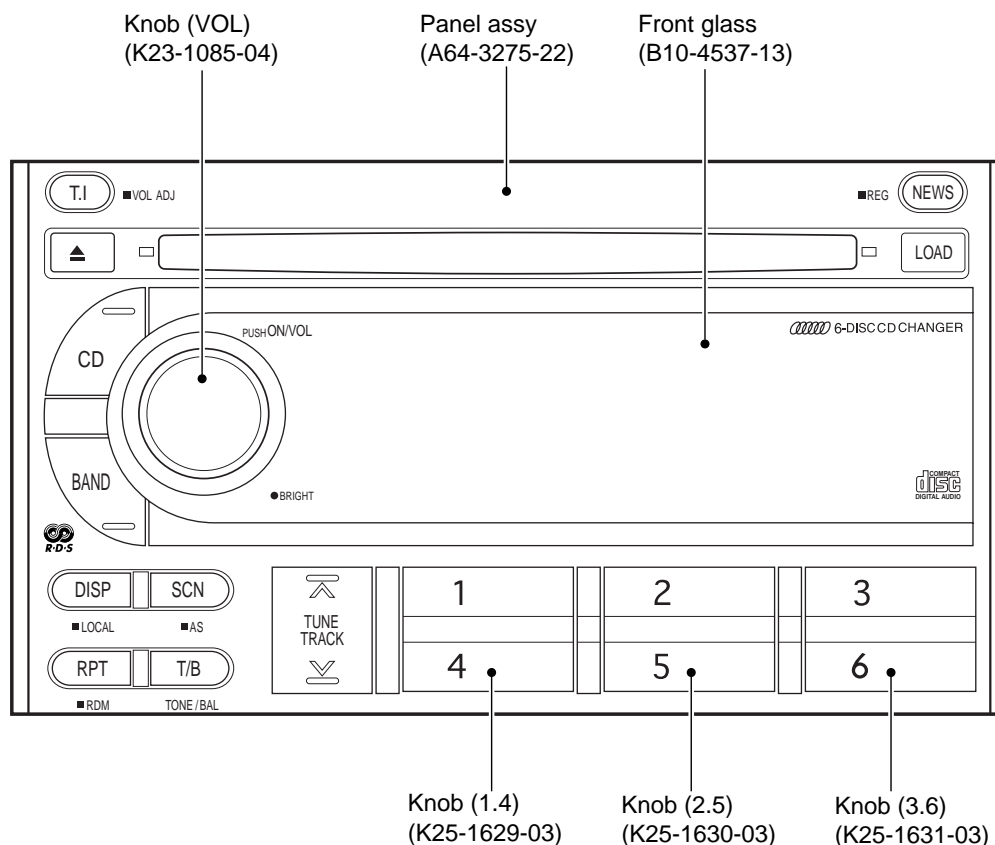
KENWOOD

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B53-0186-00 (N) 0

SUBARU GENUINE

Model	Model Name	Parts No.	Destination
GX806E	GX806EF2	86201SA200	Europe

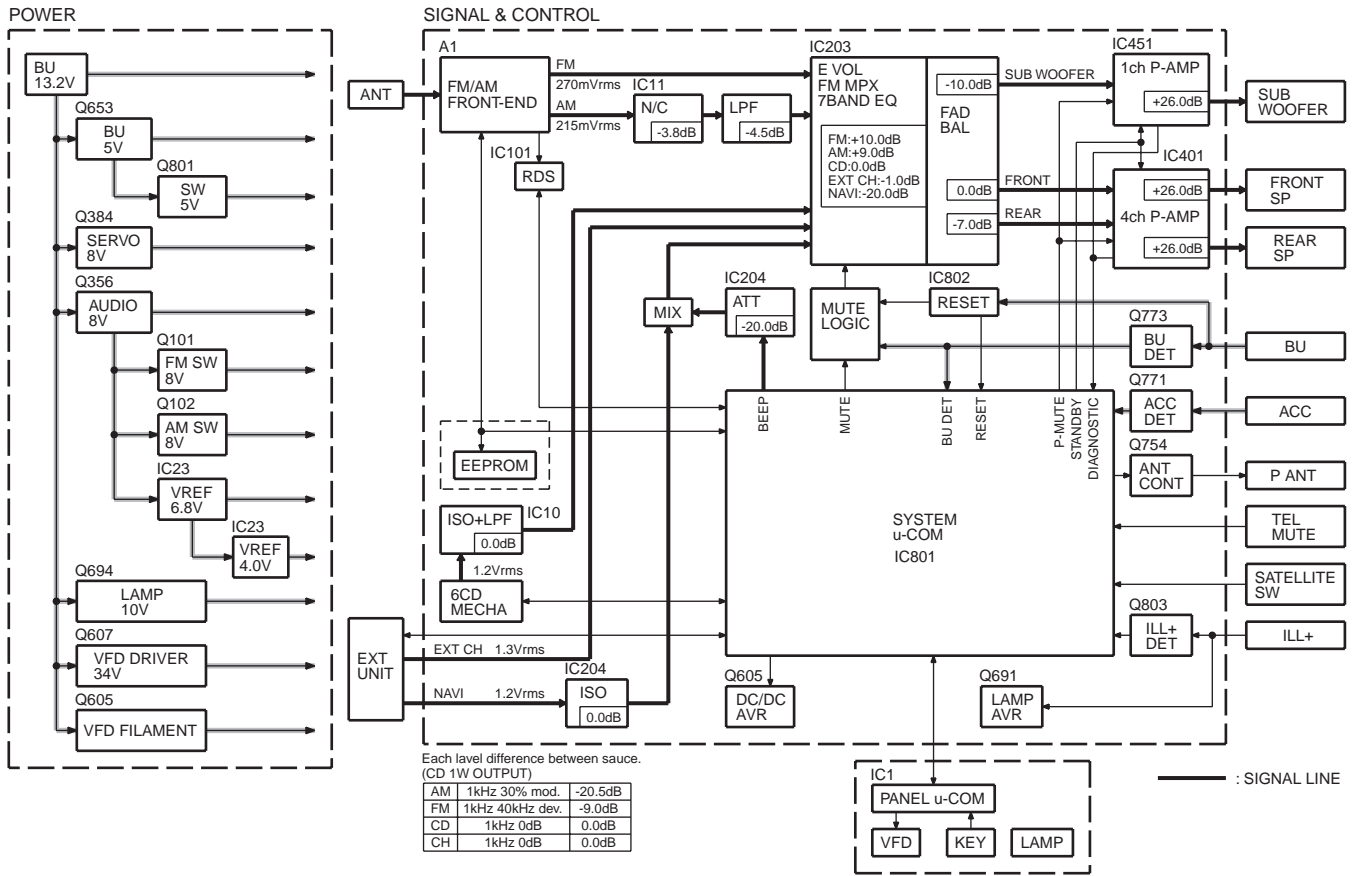
DC cord for service : E30-3801-15



The 6CD mechanism has not supplied repair parts for each part (for Optical Laser pickup, motor etc).
If you need repair to the 6CD mechanism please change to mechanism assy (D40-1195-05).

GX806EF2

BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● Synthesizer Unit (X14-9382-70)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC6	A pair of ope amps	RDS noise amplifier
IC10	A pair of ope amps	CD isolation amplifier
IC11	AM noise canceller IC	AM noise canceller
IC23	A pair of ope amps	Mid-point electric potential output amplifier
IC101	RDS demodulation IC	RDS demodulation
IC203	Electronic volume	BASS/MID/TRE, MPX, mute, electronic volume
IC204	A pair of ope amps	NAVI isolation, beep and NAVI addition circuit
IC401	Power amplifier	4-ch power amplifier
IC451	Power amplifier	Sub-woofer power amplifier
IC502	I2C bus IC	Sie-BUS communication
IC771	A pair of NOR circuits	For hard muting
IC801	System microcomputer	System controller
IC802	Resetting IC	System reset detection
Q101	FM power supply switch	8V output for FM
Q102	AM power supply switch	8V output for AM
Q105	IF count detection	When IF count detected, Lo output
Q107	RDS data buffer	RDS buffer output
Q152	Noise amplifier	When noise is detected, constant is switched.
Q153	Noise amplifier	Noise detection output buffer
Q251	Mute switch	Built into electric volume for muting
Q254	Switch built into electronic volume	Switch built into electronic volume for switching FM/AM
Q353	Mid-point circuit power supply switch	When BU voltage 12V or less, lowers mid-point.
Q354	Audio 8V power supply switch	Audio 8V Darlington
Q355	Audio 8V power supply switch	Audio 8V constant current bias
Q356	Audio 8V power supply switch	Audio 8V driver
Q358	Mid-point circuit switch	At the time of ACC OFF, discharges mid-point voltage.
Q359	Audio 8V power supply switch	Audio 8V P-ON detection switch
Q360	Audio 8V power supply switch	Audio 8V voltage return
Q361	Mid-point circuit switch	At the time of ACC OFF, discharges mid-point voltage.
Q383	Servo 8V power supply switch	Servo 8V P-ON detection switch
Q384	Servo 8V power supply switch	Servo 8V driver
Q385	Servo 8V power supply switch	Servo 8V darlington
Q403-405	DC offset detection switch	For DC offset voltage detection
Q501	SYS_ON current buffer	When SYS_ON Lo, Hi output
Q502	SYS_OFF current buffer	When SYS_OFF Lo, Hi output
Q503	BUS_ON detection	When Sie-BUS system ON, Hi input
Q505	BUS_OFF detection	Sie-BUS system OFF, Hi input.
Q601	DC/DC switching	For DC/DC
Q603	DC/DC switching	DC/DC driver+shottky barrier diode

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COMPONENTS DESCRIPTION

Ref. No.	Application / Function	Operation / Condition / Compatibility
Q604	DC/DC switching	DC/DC voltage detection
Q605	Filament power supply switch	Filament power supply driver
Q606	Filament power supply switch	Filament power supply darlington
Q607	DC/DC power supply switch	DC/DC driver
Q608	Filament power supply switch	For filament power supply
Q609	DC/DC power supply switch	DC/DC driver
Q610	DC/DC power supply switch	For DC/DC detection
Q612	DC/DC power supply switch	DC/DC darlington
Q653	BU5V power supply switch	BU5V driver
Q654	BU5V power supply switch	BU5V darlington
Q691	LAMP power supply switch	ILL detection for LAMP
Q694	LAMP power supply switch	LAMP driver
Q751	P-ANT control switch	When ACC_ON, Hi output
Q752,753	P-ANT control switch	When ACC_ON, BU electric potential output
Q754	P-ANT short-circuit protection	P-ANT short-circuit protection
Q771	ACC detection	When ACC ON, Lo output
Q772	BU detection	When BU ON, Lo output
Q773	BU over voltage detection switch	BU over voltage detection
Q801	P-ON5V power supply switch	For P-ON5V
Q802	Sie-BUS mute output	When mute ON, Hi output
Q803	Illumi detection switch	When illumi detected, Lo output
Q804	Hard reset switch	When HARD_RESET ON, Lo output
Q805	Sie-BUS reset output switch	When Sie-BUS reset, Hi output
Q807	DC/DC power supply switch	For DC/DC detection

● Switch Unit (X34-3142-70)

Ref. No.	Application / Function	Operation / Condition / Compatibility
IC1	Display control microcomputer	VFD control, Key loading
Q1	P-ON5V power supply switch	For P-ON 5V
Q2	Filament power supply switch	For filament

MICROCOMPUTER'S TERMINAL DESCRIPTION

● Main Microcomputer : 703037HYGFM01 (X14-938 : IC801)

Pin No.	Pin Name	I/O	Function	Processing Operation Description
1	SP_DATA_S	O	Data output to panel microcomputer	UART 19200bps
2	R_DATA	I	RDS data	RDS data input
3	PLL_SDA	I/O	EEPROM data	EEPROM data input/output
3	PLL_SDA	I/O	PLL data	PLL data input/output
4	R_QUAL	I	RDS quality	RDS quality
5	PLL_SCL	O	EEPROM clock	EEPROM clock output
5	PLL_SCL	O	PLL clock	PLL clock output
6~8	NC	O	Not used.	Not used.
9	EVDD	-		
10	EVSS	-		
11	BEEP	O	BEEP output	2kHz BEEP output (pulse), When not operation : L
12	IFC	I	F/E IFC OUT input terminal	L : Station found, H : Station not found
13	AM+B	O	AM power supply control	AM : H, Other : L
14	FM+B	O	FM power supply control	FM : H, Other : L
15~20	NC	O	Not used	Not used
21	Icc/VPP	-	(Write to flash memory)	(Write to flash memory)
22	CDX_MTS	O	6CD communication request output	6CD communication request output
23	NC	O	Not used	Not used
24	ILL_DET	I	Illumi detection	Illumi ON : L
25	NC	O	Not used	Not used
26	BUSDI	I	F-BUS data IN	BUS data input
27	BUSDO	O	F-BUS data OUT	BUS data output
28	VOL_SDA	I/O	E-VOL data	
29	VOL_SCL	O	E-VOL clock	
30,31	NC	O	Not used	Not used
32	MUTE	O	VOL mute	Mute : H, Normal : L
33	AFS	O	When noise is detected, constant is switched	During FM/AM seek : L, When RDS in operation : H, When other than RDS in operation : L
34	RESET	-	System reset input	Reset : L, Resetting voltage : 4.2V
35	XT1	I	Sub-system clock oscillation terminal	Not used
36	XT2	O	Sub-system clock oscillation terminal	Not used
37	REGC	-		
38	X1	-	Main system clock oscillation terminal	12.582MHz
39	X2	-	Main system clock oscillation terminal	12.582MHz
40	VSS	-	GND electric potential	
41	VDD	-	5V electric potential	
42	NC	-	Not used	Not used
43~46	NC	O	Not used	Not used
47	HARD_RESET	O	Hard reset output	Reset : H, Others : L

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MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Function	Processing Operation Description
48	P_STBY	O	P-AMP standby control	ACC ON, POWER ON : H, Others : L
49	P_MUTE	O	P-AMP mute control	Mute : L, Others : H This muting should not be used for timings that would cause cut in the beginning portion, such as searches during play.
50	SVR	O	For P-AMP discharge	Normal : L, Discharge : H
51	ANT_CON	O	ANT AMP power supply control	ACC ON : H, Others : L
52,53	NC	O	Not used	Not used
54	ONREQ	I	F-BUS ON request	System ON request : L
55	SYS_ON	O	F-BUS ON output	System ON : L
56	CDX_STM	I	6CD communication request input	Communication request : L
57	SYS_OFF	O	F-BUS OFF output	System OFF : L
58	BVDD	-	5V electric potential	
59	BVSS	-	GND electric potential	
60	BUS_STBY	O	BUS_IC standby control	System ON : H
61	PON	O	AVR control (Audio, MECHA)	Power supply ON : L, OFF : H (Stable time : 400ms)
62	DC_DC	O	DC/DC power supply control	
63-68	NC	O	Not used	Not used
69	TELMUTE	I	TEL mute	TEL_MUTE ON : L, Others : H
70	CDX_ACC	O	6CD ACC	Operation : L, Others : H
71	CDX_RST	O	6CD reset	Reset : L, Others : H
72	CDX_EJEREQ	O	6CD eject request	Eject : L, Others : H
73	NC	O	Not used	PON : H, Others : L
74	AVDD	-	5V electric potential	
75	AVSS	-	GND electric potential	
76	AVREF	-	A/D port reference voltage input	
77	CDX_DDCNT	I	6CD servo control	6CD ON : H, Others : L
78	CDX_MUTE	I	6CD Mute request	6CD mute : L, Normal : H
79	NC	O	Not used	Not used
80	DCERR	I	DC offset detection	Offset detected at 1.0V or more
81	DIAG	I	For test mode	Test mode : L, Normal : H
82	TYPE	I	Destination setting	Initial : L
83	Protection_FL	I	FL+B detection of output short-circuits from power supply	When L after 50ms of DC-DC turning active, DC-DC is turned OFF.
84	Protection_Audio	I	Short-circuit detection of audio 8V power supply output	When terminal condition is L after 30ms of PON active, PON is turned OFF.
85	NOISE	I	FM noise detection	With noise value of 2.9V or less, station found authorized
86	SMTER	I	S-meter	S-meter value : By the data written to EEPROM, seek is stopped
87	NC	I	Not used	Not used
88	REMOCON	I	Vehicle satellite switch input	Resistance divider-type vehicle remote controller
89	SP_REQ_S	O	Request to panel microcomputer	ON : H, OFF : L

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Function	Processing Operation Description
90	SP_REQ_P	I	Request from panel microcomputer	ON request : H
91	ACC_DET	I	ACC detection	ACC ON : L, ACC OFF : H, Detection voltage : 8.5V
92	OFF_REQ	I	F-BUS OFF request	System OFF request : L
93	BU_DET	I	BU detection	BU ON : L, BU OFF (During momentary power down) : H Detection voltage : 8.5V
94	SP_RST	O	Reset to panel microcomputer	Normal : H, When reset : L (2 pulses), When communication error occurs immediately after reset, then reset is triggered.
95	SP_BKUP	O	Momentary power down detection output to panel microcomputer	Momentary power down : L, Normal : H
96	R_CLK	I	RDS clock	RDS clock
97	CDX_SI	I	6CD data input	SIO 250kHz
98	CDX_SO	O	6CD data output	SIO 250kHz
99	CDX_CLK	I	6CD clock input	SIO 250kHz
100	SP_DATA_P	I	Data output from panel microcomputer	UART 19200bps

● Panel Microcomputer : MB90561A-364 (X34-314 : IC1)

Pin No.	Pin Name	I/O	Function	Processing Operation Description
1~3	NC	O		Not Used
4~6	KEY1~KEY3	I	Six division key reading	Key reading of analog voltage values
7~11	NC	O		Not Used
12	AVCC		A/D converter power supply	VCC
13	AVR		A/D converter REF voltage input	SW_5V electrical potential
14	AVSS		A/D converter GND connection	GND electrical potential
15	SP_DATA_S	I	Data input from SYS_COM	Communication speed : 19200bps with 30ms interval
16	SP_DATA_P	O	Data output to SYS_COM	Communication speed : 19200bps with 20ms interval
17	SP_REQ_P	O	Request to SYS_COM	Generates pulse signal for triggering standby mode of SYS_COM. After confirming on SP_REQ_S signal, output is stopped.
18	SP_BKUP	I	Power down detection input from SYS_COM	Momentary power down detection
19	MD0	I	For FLASH ROM writing	H : Normal mode, L : FLASH ROM writing mode
20	SP_RST	I	Reset input from SYS_COM	4 cycle time L after H input, H input thereafter
21	MD1	I	For FLASH ROM writing	H : Normal and FLASH ROM writing mode, L : No setting
22	MD2	I	For FLASH ROM writing	H : FLASH ROM writing mode, L : Normal mode
23	X0		Microcomputer clock oscillator	4.0MHz
24	X1		Microcomputer clock oscillator	4.0MHz
25	VSS1		Current GND	GND electrical potential
26	P00	I/O	Setting for FLASH ROM writing method	L : Serial writing permission

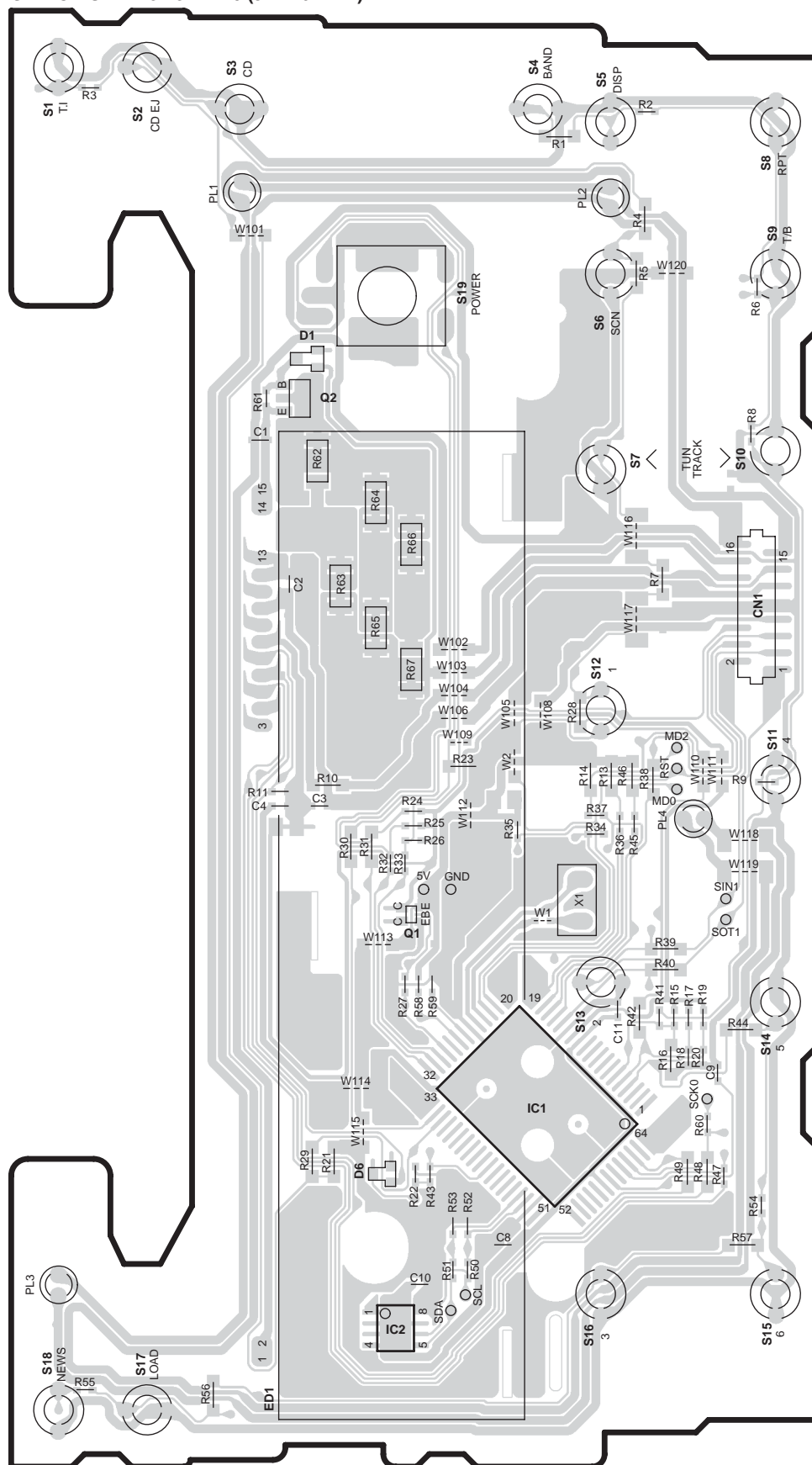
GX806EF2

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Function	Processing Operation Description
27	P01	I/O	Setting for FLASH ROM writing method	H : Serial writing permission
28	NC	O		Not Used
29	SW_5V	O	VFD power supply ON signal	When stopped (L) : Power supply OFF When in normal operation (H) : Power supply ON
30	POWER	I	POWER	L : ON, H : OFF
31	ENC_DW	I	Rotary encoder SW (B-phase waveform)	Pulses are port input by 1ms-cycle timer
32	ENC_UP	I	Rotary encoder SW (A-phase waveform)	Pulses are port input by 1ms-cycle timer
33	NC	O		Not Used
34	SP_REQ_S	I	Request from SYS_COM	Interruption occurs only on H level
35	EJECT	I	EJECT	L : ON, H : OFF
36~42	NC	O		Not Used
43	FL_BLK	O	FL data blanking output terminal (FL tube brightness adjustment)	Brightness adjustment is conducted by duty ratio
44~47	NC	O		Not Used
48	SDA	I/O	E2PROM serial data	Input/output to E2PROM
49	SCL	O	E2PROM serial clock	Output to E2PROM
50	VSS2		Power supply GND	GND electrical potential
51~56	NC	O		Not Used
57	VCC		Power supply input	Bu5V electrical potential
58	C	-	Processing terminal for voltage stabilizing	0.1 μ F condenser connection
59	NC	O		Not Used
60	FL_SO	O	FL data output terminal	Display data transmission to VFD. 0.5MHz
61	FL_CLK_OUT	O	FL clock output terminal	Synchronization clock output for VFD serial communication
62	FL_LAT	O	FL data latch control terminal	When not displaying, output OFF count is carried out
63,64	NC	O		Not Used

PC BOARD (FOIL SIDE VIEW)

SWITCH UNIT X34-3142-70 (J74-1621-12)



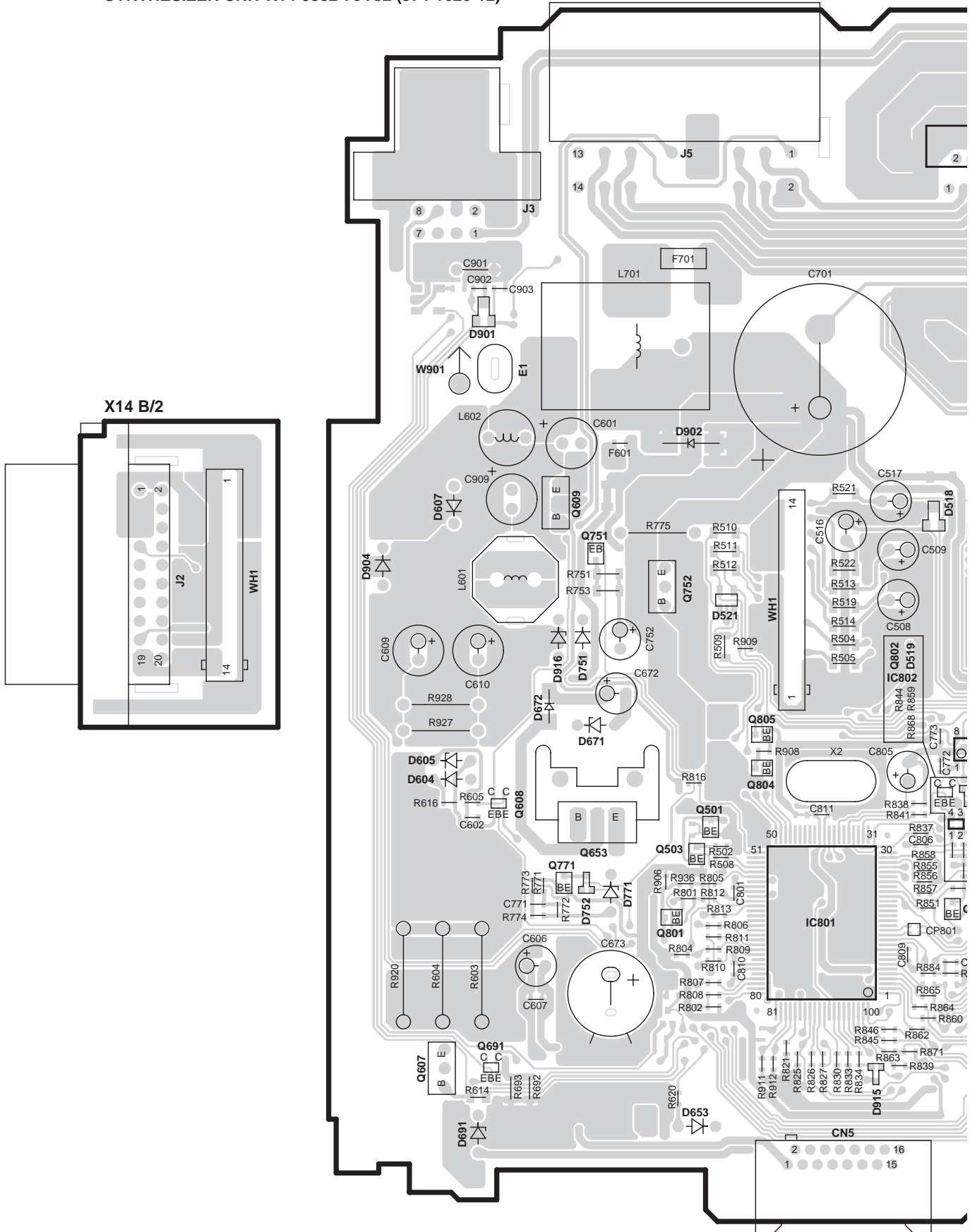
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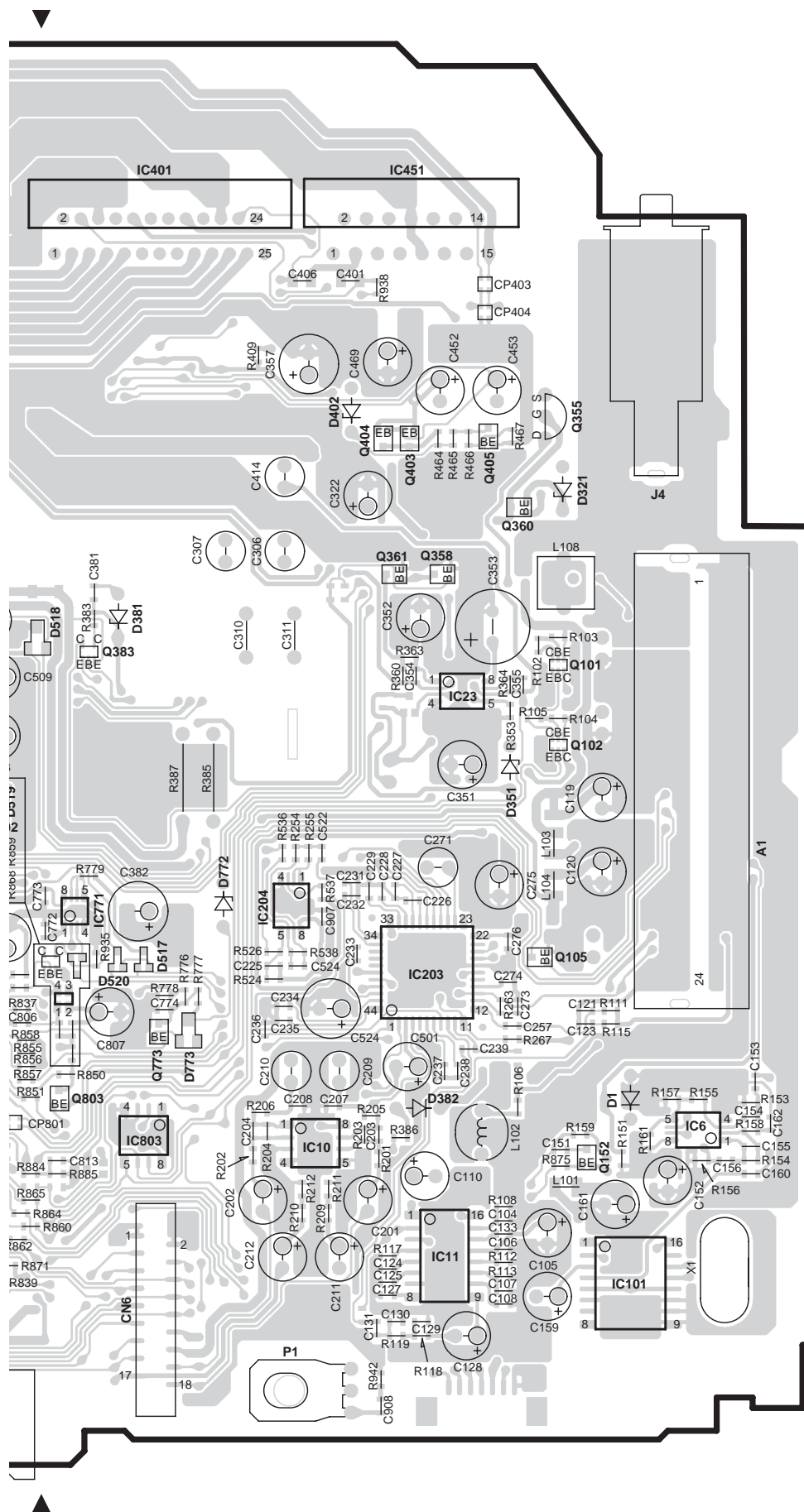
Ref. No.	Address
IC1	6C
IC2	7B
Q1	5B
Q2	3B

Refer to the schematic diagram for the values of resistors and capacitors.

F G H I J
1
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GX806EF2
PC BOARD (COMPONENT SIDE VIEW)

SYNTHESIZER UNIT X14-9382-70 A/2 (J74-1620-12)





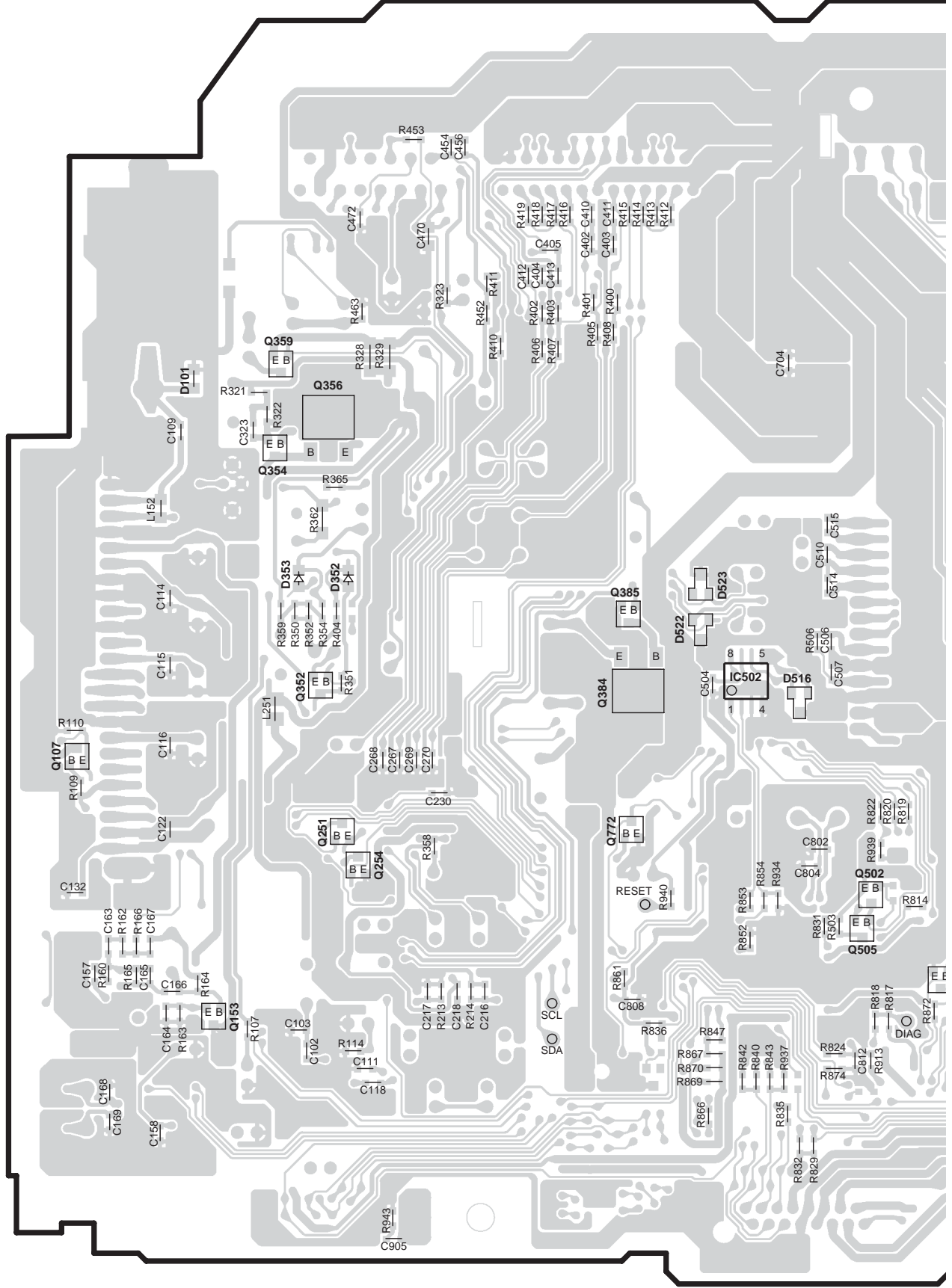
X14-9382-70

Ref. No.	Address
IC6	6M
IC10	6L
IC11	6L
IC23	4L
IC101	6M
IC203	5L
IC204	5L
IC401	2K
IC451	2L
IC771	5K
IC801	6J
IC802	5J
IC803	6K
Q101	4M
Q102	4M
Q105	5M
Q152	6M
Q355	3M
Q358	3L
Q360	3M
Q361	3L
Q383	4K
Q403	3L
Q404	3L
Q405	3L
Q501	5I
Q503	5I
Q607	6H
Q608	5H
Q609	4I
Q653	5I
Q691	6H
Q751	4I
Q752	4I
Q771	5I
Q773	5K
Q801	6I
Q802	4J
Q803	6K
Q804	5J
Q805	5J

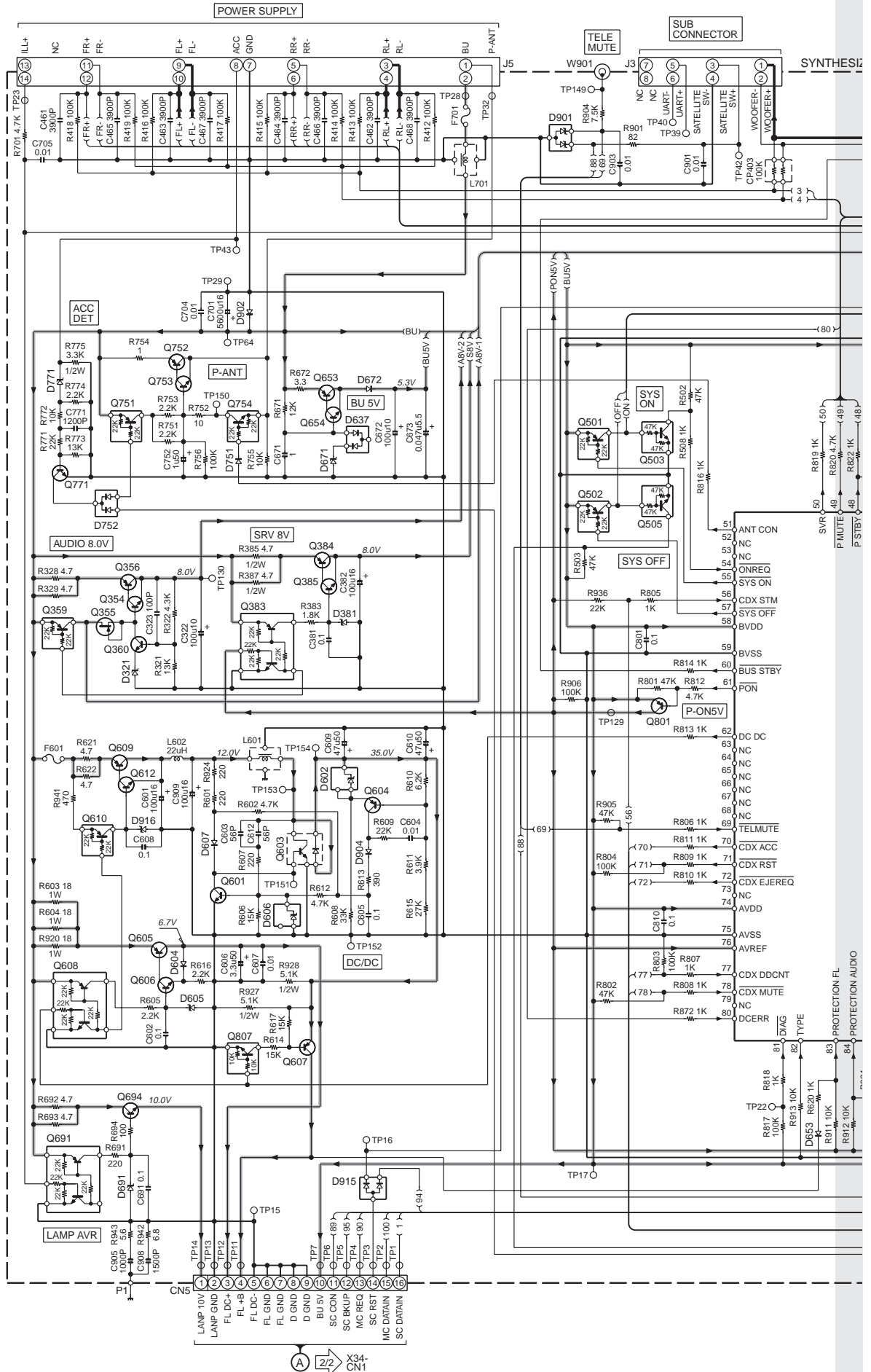
Refer to the schematic diagram for the values of resistors and capacitors.

P Q R S T
1
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GX806EF2
PC BOARD (FOIL SIDE VIEW)

SYNTHESIZER UNIT X14-9382-70 A/2 (J74-1620-12)



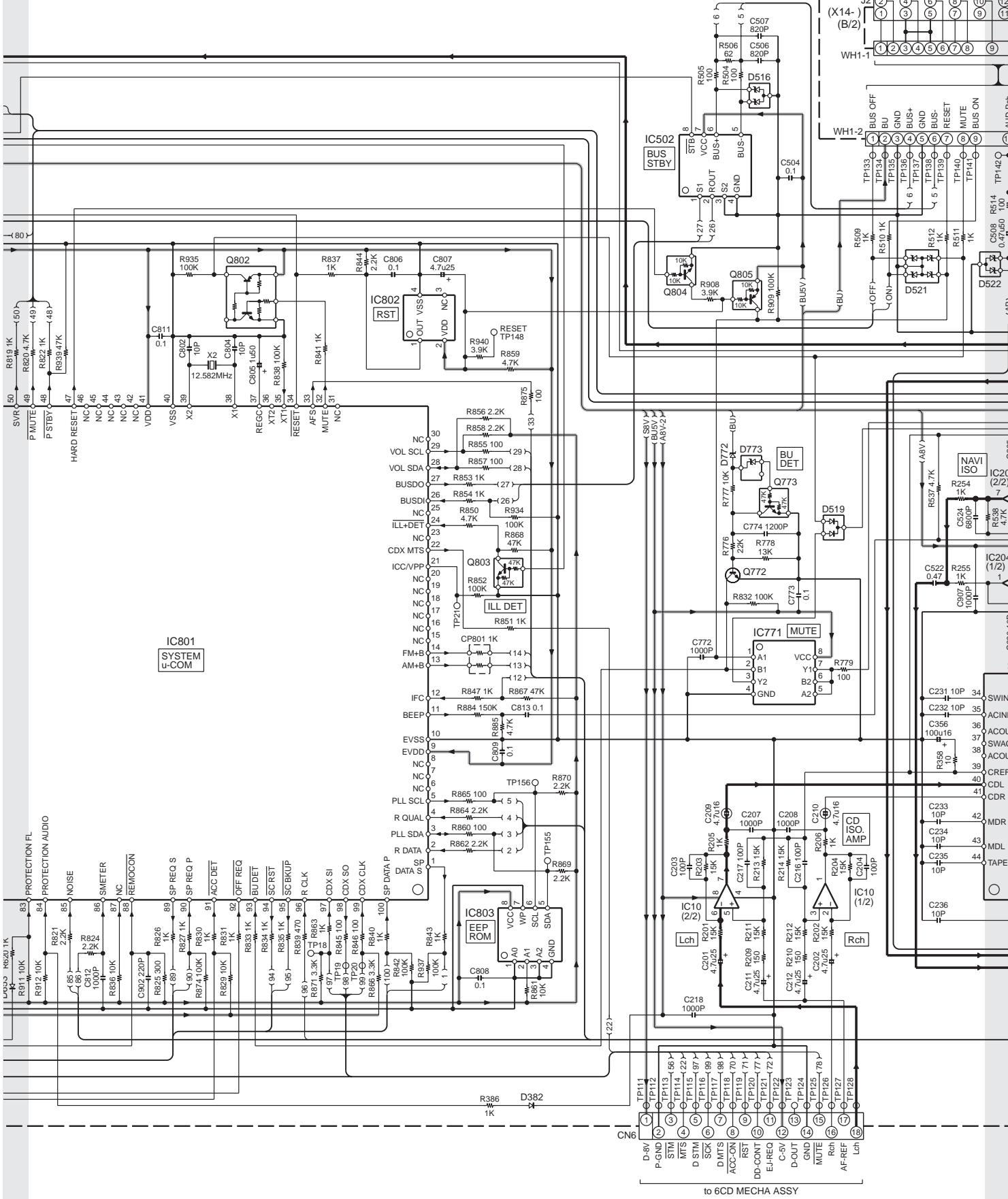
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GX806EF2

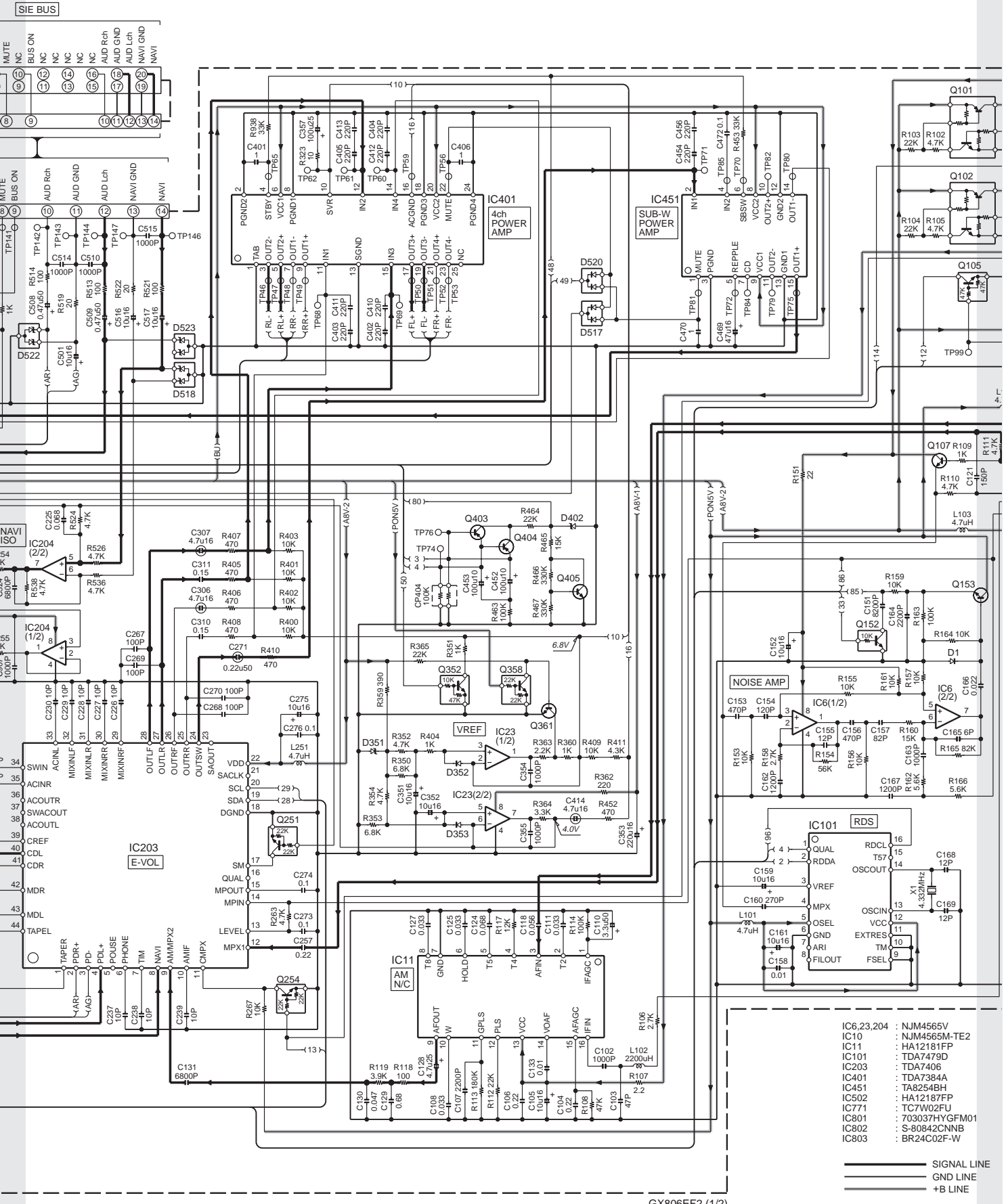
SIE BU

SYNTHESIZER UNIT (X14-9382-70) (A/2)



to 6CD MECHA ASSY

GX806EF2

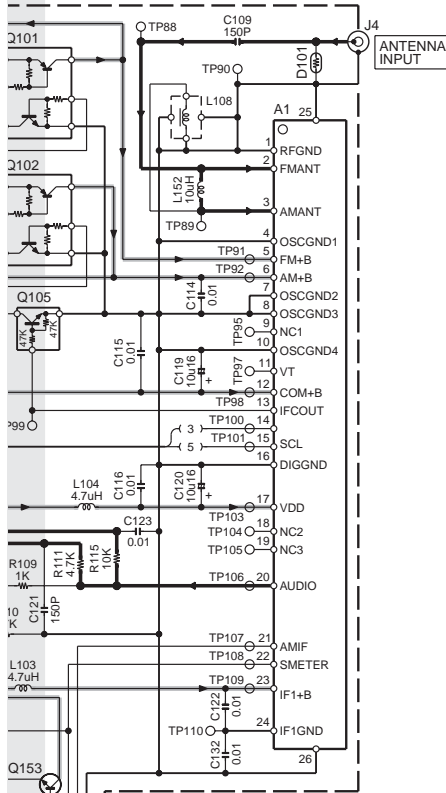


- IC6,23,204 : NUM4565V
- IC10 : NUM4565M-TE2
- IC11 : HA12181FP
- IC101 : TDA7479D
- IC203 : TDA7406
- IC401 : TDA7384A
- IC451 : TA8254BH
- IC502 : HA12187FP
- IC771 : TC7W02FU
- IC801 : 703037HYGFM01
- IC802 : S-80842CNNB
- IC803 : BR24C02F-W

— SIGNAL LINE
 — GND LINE
 — +B LINE

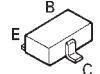
GX806EF2 (1/2)

GX806EF2

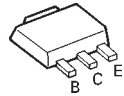


Q101,102	: UMF5N
Q105,503,505,773,803	: DTC144EUA
Q107,153,354,360,361,385,405,606,612,654,753,771,772	: 2SC4081
Q152	: DTC114TUA
Q251,254,358,754	: DTC124EUA
Q352	: DTC114YUA
Q355	: 2SK246(BL)-F
Q356,384,605	: 2SB1202
Q359,501,502,610,751	: DTA124EUA
Q383,608,691,802	: UMC2N
Q403,404,801	: 2SA1576A
Q601	: 2SC3392
Q603	: CPH5703
Q604	: 2SA1530A
Q607,609,752	: 2SB1443
Q653	: 2SB1548(P)
Q694	: 2SD1803
Q804,807	: DTC114EUA
Q805	: DTA114EUA
D1,382,604,607,653,751,904	: 1SS133
D101	: IMSA-6801
D321	: HZS6A1L
D351,605,772	: HZS7A3L
D352,353	: MA111
D381	: HZS9B2L
D402	: HZS6B1L
D516,518,522,523,901	: STZ6.8N
D517,519,520,752	: DAN202U
D521	: FTZ6.8E
D602	: MA3056-M
D606	: HZM3.3N(B1)
D637	: DA204U
D671	: MA4051(N)-M
D672	: 1SR154-400
D691	: HZS11B2L
D771	: HZS7A2L
D773	: MA3100-M
D902	: D3F60
D915	: DAP202U
D916	: HZS12B1L

DTC114YUA
UN5111
UN5211
UN5213
UN5215
2SA1576A



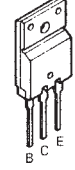
2SB1188



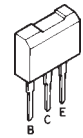
2SB1202



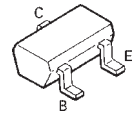
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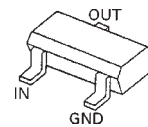
2SB1443



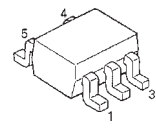
2SC4081



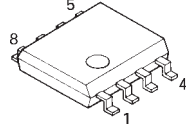
DTA114EUA
DTA124EUA
DTC114EUA
DTC124EUA
DTC144EUA



UMC2N



NJM4565M-TE2



DAN202U



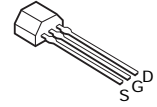
DAP202U
DA204U



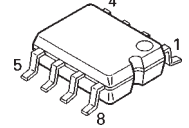
MA142WA
MA142WK
UN5212



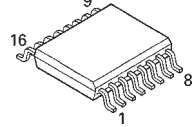
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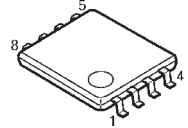
BR24C02F-W



TDA7479D



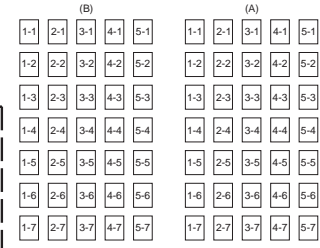
HA12187FP



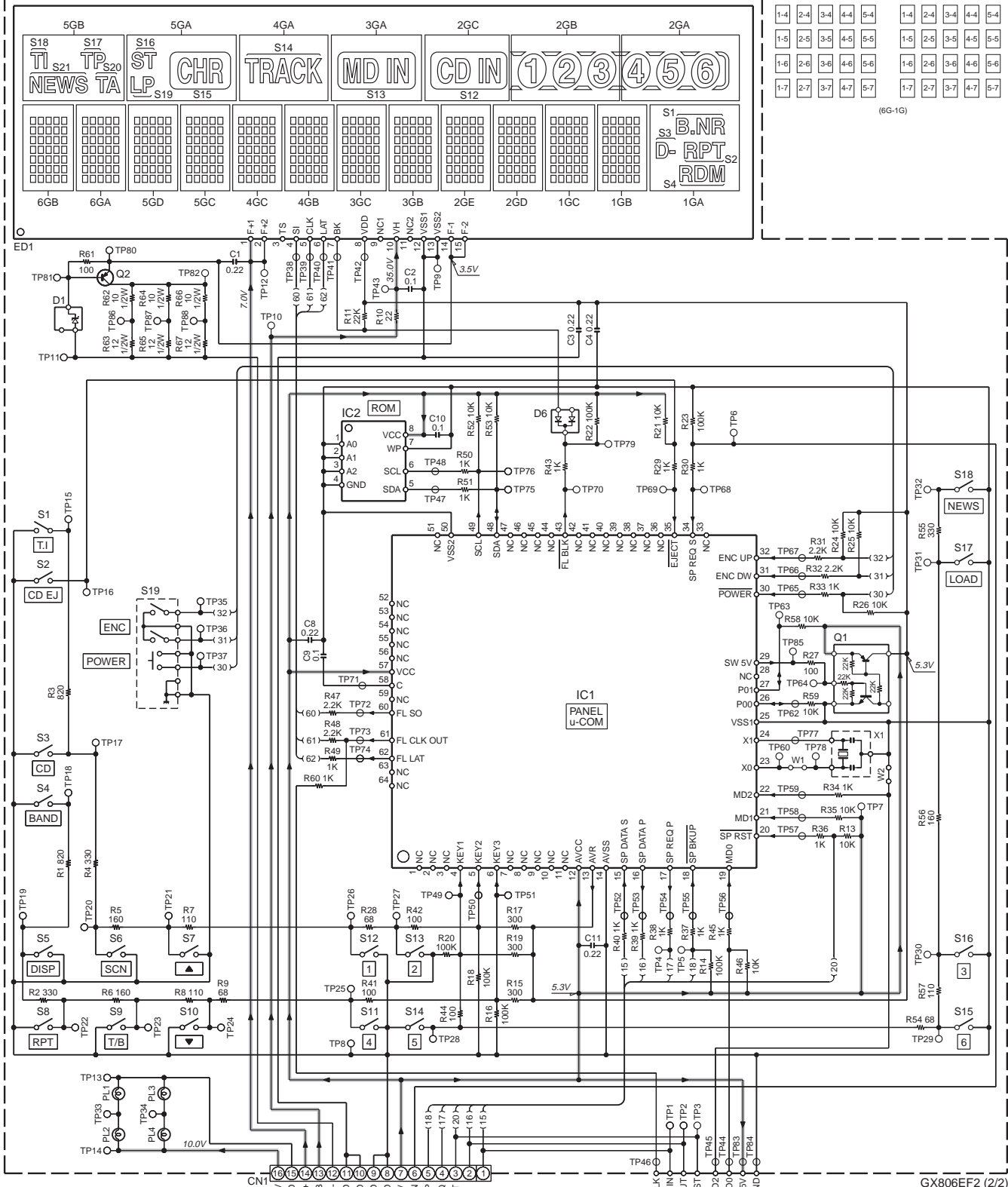
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

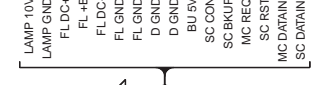
GX806EF2



SWITCH UNIT (X34-3142-70)



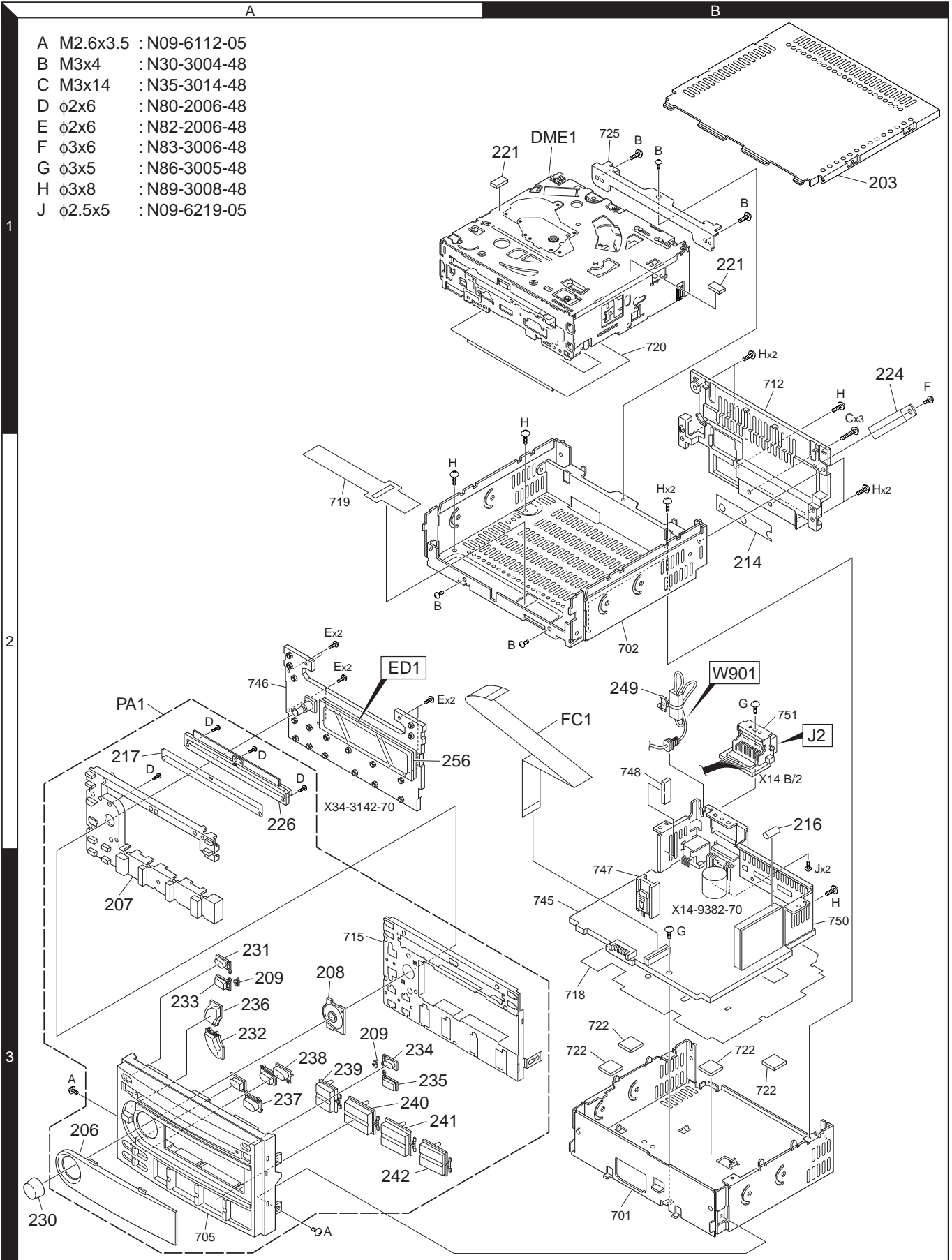
- IC1 : MB90561A-364
- IC2 : BR24C02F-W
- Q1 : UMC2N
- Q2 : 2SB1188
- D1 : HZM2.4N(B)
- D6 : DAN202U



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
 ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.
 • DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW

- A M2.6x3.5 : N09-6112-05
- B M3x4 : N30-3004-48
- C M3x14 : N35-3014-48
- D ϕ 2x6 : N80-2006-48
- E ϕ 2x6 : N82-2006-48
- F ϕ 3x6 : N83-3006-48
- G ϕ 3x5 : N86-3005-48
- H ϕ 3x8 : N89-3008-48
- J ϕ 2.5x5 : N09-6219-05



Parts with the exploded numbers larger than 700 are not supplied.

GX806EF2

PARTS LIST

* New parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Ad	New	Parts No.	Description	Destination
GX806EF2					
203	1B	*	A52-0853-02	TOP PLATE	
PA1	3A	*	A64-3275-22	PANEL ASSY	
206	3A	*	B10-4537-13	FRONT GLASS	
207	3A	*	B19-2253-12	LIGHTING BOARD (MAIN)	
208	3A	*	B19-2254-04	LIGHTING BOARD (VOL)	
209	3A	*	B19-2255-04	LIGHTING BOARD (CD)	
DME1	1B	*	D40-1195-05	6CD MECHANISM ASSY	
FC1	2B	*	E39-0635-05	FLAT CABLE (CD)	
214	2B	*	F09-1882-04	SHEET (P-IC)	
216	2B	*	F12-0795-04	SHIELDING TUBE	
217	2A		F19-1357-04	BLIND PLATE	
221	1B	*	G11-3591-04	CUSHION	
224	1B	*	J19-5286-05	HOLDER	
226	2A	*	J90-1086-03	GUIDE	
230	3A	*	K23-1085-04	KNOB (VOL)	
231	3A	*	K24-4136-04	KNOB (T.I)	
232	3A	*	K24-4137-04	KNOB (BAND)	
233	3A	*	K24-4138-04	KNOB (CD-EJ)	
234	3A	*	K24-4139-04	KNOB (NEWS)	
235	3A	*	K24-4140-04	KNOB (LOAD)	
236	3A	*	K24-4141-04	KNOB (CD)	
237	3A	*	K25-1626-03	KNOB (DISP)	
238	3A	*	K25-1627-03	KNOB (SCN)	
239	3A	*	K25-1628-03	KNOB (TUNE)	
240	3A	*	K25-1629-03	KNOB (PRE1.4)	
241	3A	*	K25-1630-03	KNOB (PRE2.5)	
242	3A	*	K25-1631-03	KNOB (PRE3.6)	
A	3A	*	N09-6112-05	MACHINE SCREW (M2.6X3.5)	
B	1B	*	N30-3004-48	PAN HEAD MACHINE SCREW	
C	1B		N35-3014-48	BINDING HEAD MACHINE SCREW	
D	2A		N80-2006-48	PAN HEAD TAPTITE SCREW	
E	2A		N82-2006-48	BINDING HEAD TAPTITE SCREW	
F	1B		N83-3006-48	PAN HEAD TAPTITE SCREW	
G	2B	*	N86-3005-48	BINDING HEAD TAPTITE SCREW	
H	1B		N89-3008-48	BINDING HEAD TAPTITE SCREW	
SYNTHESIZER UNIT (X14-9382-70)					
C102			CK73GB1H102K	CHIP C 1000PF	K
C103			CC73GCH1H470J	CHIP C 47PF	J
C104			CK73GB1A224K	CHIP C 0.22UF	K
C105		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C106			CK73GB1A224K	CHIP C 0.22UF	K
C107			CK73GB1H222K	CHIP C 2200PF	K
C108			CK73GB1E333K	CHIP C 0.033UF	K
C108			CK73GB1H333K	CHIP C 0.033UF	K
C109			CC73GCH1H151J	CHIP C 150PF	J
C110		*	CD04BJ1H3R3M	ELECTRO 3.3UF	50WV
C111			CK73GB1E333K	CHIP C 0.033UF	K
C111			CK73GB1H333K	CHIP C 0.033UF	K
C114-116			CK73GB1H103K	CHIP C 0.010UF	K

Ref. No.	Ad	New	Parts No.	Description	Destination
C118			CK73GB1C563K	CHIP C 0.056UF	K
C119,120		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C121			CC73GCH1H151J	CHIP C 150PF	J
C122,123			CK73GB1H103K	CHIP C 0.010UF	K
C124			CK73GB1C683K	CHIP C 0.068UF	K
C124			CK73GB1H683K	CHIP C 0.068UF	K
C125			CK73GB1E333K	CHIP C 0.033UF	K
C125			CK73GB1H333K	CHIP C 0.033UF	K
C127			CK73GB1E333K	CHIP C 0.033UF	K
C127			CK73GB1H333K	CHIP C 0.033UF	K
C128		*	CD04BJ1E4R7M	ELECTRO 4.7UF	25WV
C129			CK73GB1A684K	CHIP C 0.68UF	K
C130			CK73GB1E473K	CHIP C 0.047UF	K
C131			CK73GB1H682K	CHIP C 6800PF	K
C132,133			CK73GB1H103K	CHIP C 0.010UF	K
C151			CK73GB1H822K	CHIP C 8200PF	K
C152		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C153			CC73GCH1H471J	CHIP C 470PF	J
C154			CC73GCH1H121J	CHIP C 120PF	J
C155			CC73GCH1H120J	CHIP C 12PF	J
C156			CC73GCH1H471J	CHIP C 470PF	J
C157			CC73GCH1H820J	CHIP C 82PF	J
C158			CK73GB1H103K	CHIP C 0.010UF	K
C159		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C160			CC73GCH1H271J	CHIP C 270PF	J
C161		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C162			CK73GB1H122K	CHIP C 1200PF	K
C163			CK73GB1H102K	CHIP C 1000PF	K
C164			CK73GB1H222K	CHIP C 2200PF	K
C165			CC73GCH1H060D	CHIP C 6.0PF	D
C166			CK73GB1E223K	CHIP C 0.022UF	K
C166			CK73GB1H223K	CHIP C 0.022UF	K
C167			CK73GB1H122K	CHIP C 1200PF	K
C168,169			CC73GCH1H120J	CHIP C 12PF	J
C201,202		*	CD04BJ1E4R7M	ELECTRO 4.7UF	25WV
C203,204			CC73GCH1H101J	CHIP C 100PF	J
C207,208			CK73GB1H102K	CHIP C 1000PF	K
C209,210		*	C90-5700-05	ELECTRO 4.7UF	16WV
C211,212		*	CD04BJ1E4R7M	ELECTRO 4.7UF	25WV
C216,217			CC73GCH1H101J	CHIP C 100PF	J
C218			CK73GB1H102K	CHIP C 1000PF	K
C226-239			CC73GCH1H100D	CHIP C 10PF	D
C257			CK73GB1A224K	CHIP C 0.22UF	K
C267-270			CC73GCH1H101J	CHIP C 100PF	J
C271			C94-0179-05	ELECTRO 0.22UF	50WV
C273,274			CK73GB1C104K	CHIP C 0.10UF	K
C273,274			CK73GB1H104K	CHIP C 0.10UF	K
C275		*	CD04BJ1C100M	ELECTRO 10UF	16WV
C276			CK73GB1C104K	CHIP C 0.10UF	K
C276			CK73GB1H104K	CHIP C 0.10UF	K
C306,307		*	C90-5700-05	ELECTRO 4.7UF	16WV
C310,311		*	CF92JV1H154J	MPF-C 0.15UF	50WV
C322			CD04AY1A101M	ELECTRO 100UF	10WV
C323			CC73GCH1H101J	CHIP C 100PF	J
C351,352		*	CD04BJ1C100M	ELECTRO 10UF	16WV

E : Europe

△ Indicates safety critical components.

PARTS LIST

SYNTHESIZER UNIT (X14-9382-70)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
C353		*	CD04BJ1C221M	ELECTRO 220UF 16WV		C801			CK73GB1H104K	CHIP C 0.10UF K	
C354,355			CK73GB1H102K	CHIP C 1000PF K		C802			CC73GCH1H100D	CHIP C 10PF D	
C356		*	CD04BJ1C101M	ELECTRO 100UF 16WV		C804			CC73GCH1H100D	CHIP C 10PF D	
C357		*	C90-6705-05	ELECTRO 100UF 25WV		C805		*	CD04AY1H010M	ELECTRO 1UF 50WV	
C381			CK73GB1C104K	CHIP C 0.10UF K		C806			CK73GB1C104K	CHIP C 0.10UF K	
C381			CK73GB1H104K	CHIP C 0.10UF K		C806			CK73GB1H104K	CHIP C 0.10UF K	
C382			CD04AY1C101M	ELECTRO 100UF 16WV		C807		*	CD04BJ1E4R7M	ELECTRO 4.7UF 25WV	
C401			CK73FB1C105K	CHIP C 1.0UF K		C808-811			CK73GB1C104K	CHIP C 0.10UF K	
C402-405			CC73GCH1H221J	CHIP C 220PF J		C808-811			CK73GB1H104K	CHIP C 0.10UF K	
C406			CK73FB1C105K	CHIP C 1.0UF K		C812			CK73GB1H102K	CHIP C 1000PF K	
C410-413			CC73GCH1H221J	CHIP C 220PF J		C813			CK73GB1C104K	CHIP C 0.10UF K	
C414		*	C90-5700-05	ELECTRO 4.7UF 16WV		C813			CK73GB1H104K	CHIP C 0.10UF K	
C452,453			CD04AY1A101M	ELECTRO 100UF 10WV		C901			C91-0769-05	CERAMIC 0.010UF K	
C454			CC73GCH1H221J	CHIP C 220PF J		C902			CC73GCH1H221J	CHIP C 220PF J	
C456			CC73GCH1H221J	CHIP C 220PF J		C903			CK73GB1H103K	CHIP C 0.010UF K	
C461-468			CK73GB1H392K	CHIP C 3900PF K		C905			CK73GB1H102K	CHIP C 1000PF K	
C469			CD04AY1C470M	ELECTRO 47UF 16WV		C907			CK73GB1H102K	CHIP C 1000PF K	
C470			CK73FB1C105K	CHIP C 1.0UF K		C908			CK73GB1H152K	CHIP C 1500PF K	
C501		*	CD04BJ1C100M	ELECTRO 10UF 16WV		C909			C90-2962-05	ELECTRO 100UF 16WV	
C504			CK73GB1C104K	CHIP C 0.10UF K							
C504			CK73GB1H104K	CHIP C 0.10UF K		CN5		*	E41-2117-05	PIN ASSY	
C506,507			CC73GCH1H821J	CHIP C 820PF J		CN6		*	E41-2119-05	FLAT CABLE CONNECTOR	
C508,509		*	CD04AY1HR47M	ELECTRO 0.47UF 50WV		J2			E58-0930-05	RECTANGULAR RECEPTACLE	
C510			CK73GB1H102K	CHIP C 1000PF K		J3		*	E58-0986-05	RECTANGULAR RECEPTACLE	
C514,515			CK73GB1H102K	CHIP C 1000PF K		J4		*	E04-0327-05	RF COAXIAL CABLE RECEPTACLE	
C516,517			CD04AY1C100M	ELECTRO 10UF 16WV		J5		*	E58-0985-05	RECTANGULAR RECEPTACLE	
C522			CK73GB1A474K	CHIP C 0.47UF K		P1			E23-0745-05	TERMINAL	
C524			CK73GB1H682K	CHIP C 6800PF K		W901			E30-4810-05	CORD WITH CONNECTOR	
C601			C90-2962-05	ELECTRO 100UF 16WV		WH1		*	E39-0651-05	WIRING HARNESS	
C602			CK73GB1C104K	CHIP C 0.10UF K		F601		*	F53-0281-05	FUSE	
C602			CK73GB1H104K	CHIP C 0.10UF K		F701		*	F53-0276-05	FUSE	
C603			CC73GCH1H560J	CHIP C 56PF J		249	2B	*	J19-7008-05	LEAD HOLDER	
C604			CK73GB1H103K	CHIP C 0.010UF K		L101			L40-4792-78	SMALL FIXED INDUCTOR (4.7UH)	
C605			CK73GB1C104K	CHIP C 0.10UF K		L102			L33-1815-05	LINE FILTER COIL	
C605			CK73GB1H104K	CHIP C 0.10UF K		L103,104			L40-4792-78	SMALL FIXED INDUCTOR (4.7UH)	
C606		*	CD04BJ1H3R3M	ELECTRO 3.3UF 50WV		L108			L33-1123-05	LINE FILTER COIL	
C607			CK73GB1H103K	CHIP C 0.010UF K		L152			L33-1001-05	SMALL FIXED INDUCTOR	
C608			CK73GB1C104K	CHIP C 0.10UF K		L251			L40-4792-78	SMALL FIXED INDUCTOR (4.7UH)	
C608			CK73GB1H104K	CHIP C 0.10UF K		L601		*	L33-2203-05	CHOKE COIL	
C609,610		*	CD04AY1H470M	ELECTRO 47UF 50WV		L602			L33-1029-05	SMALL FIXED INDUCTOR	
C612			CC73GCH1H560J	CHIP C 56PF J		L701		*	L33-1980-05	CHOKE COIL	
C671			CK73FB1C105K	CHIP C 1.0UF K		X1			L77-2002-05	CRYSTAL RESONATOR	
C672			CD04AY1A101M	ELECTRO 100UF 10WV		X2			L77-2830-05	CRYSTAL RESONATOR(12.582MHZ)	
C673			C94-0201-05	ELECTRO 0.047F 5.5WV		H	3B		N89-3008-48	BINDING HEAD TAPTITE SCREW	
C691			CK73GB1C104K	CHIP C 0.10UF K		J	3B	*	N09-6219-05	TAPPING SCREW (2.5X5) (J5)	
C691		*	CK73GB1H104K	CHIP C 0.10UF K		CP403,404			R90-0737-05	MULTI-COMP 100K X2	
C701			C94-0227-05	ELECTRO 100UF 25WV		CP801			R90-0725-05	MULTI-COMP 1K X2	
C704,705		*	CK73GB1H103K	CHIP C 0.010UF K		R102			RK73GB2A472J	CHIP R 4.7K J 1/10W	
C752		*	CD04BJ1H010M	ELECTRO 1UF 50WV		R103,104			RK73GB2A223J	CHIP R 22K J 1/10W	
C771			CK73GB1H122K	CHIP C 1200PF K		R105			RK73GB2A472J	CHIP R 4.7K J 1/10W	
C772			CK73GB1H102K	CHIP C 1000PF K		R106			RK73GB2A272J	CHIP R 2.7K J 1/10W	
C773			CK73GB1C104K	CHIP C 0.10UF K		R107			RK73GB2A2R2J	CHIP R 2.2 J 1/10W	
C773			CK73GB1H104K	CHIP C 0.10UF K		R108			RK73GB2A473J	CHIP R 47K J 1/10W	
C774			CK73GB1H122K	CHIP C 1200PF K							
C801			CK73GB1C104K	CHIP C 0.10UF K							

E : Europe

△ Indicates safety critical components.

GX806EF2

PARTS LIST

SYNTHESIZER UNIT (X14-9382-70)

Ref. No.	A	N	Parts No.	Description	Desti-	Ref. No.	A	N	Parts No.	Description	Desti-
	d	e			nation		d	e			nation
R109			RK73GB2A102J	CHIP R 1.0K J 1/10W		R412-419			RK73GB2A104J	CHIP R 100K J 1/10W	
R110,111			RK73GB2A472J	CHIP R 4.7K J 1/10W		R452			RK73GB2A471J	CHIP R 470 J 1/10W	
R112			RK73GB2A223J	CHIP R 22K J 1/10W		R453			RK73GB2A333J	CHIP R 33K J 1/10W	
R113			RK73GB2A184J	CHIP R 180K J 1/10W		R463			RK73GB2A104J	CHIP R 100K J 1/10W	
R114			RK73GB2A104J	CHIP R 100K J 1/10W		R464			RK73GB2A223J	CHIP R 22K J 1/10W	
R115			RK73GB2A103J	CHIP R 10K J 1/10W		R465			RK73GB2A153J	CHIP R 15K J 1/10W	
R117			RK73GB2A123J	CHIP R 12K J 1/10W		R466,467			RK73GB2A334J	CHIP R 330K J 1/10W	
R118			RK73GB2A101J	CHIP R 100 J 1/10W		R502,503			RK73GB2A473J	CHIP R 47K J 1/10W	
R119			RK73GB2A392J	CHIP R 3.9K J 1/10W		R504,505			RK73EB2E101J	CHIP R 100 J 1/4W	
R151			RK73GB2A220J	CHIP R 22 J 1/10W		R506			RK73GB2A620J	CHIP R 62 J 1/10W	
R153			RK73GB2A103J	CHIP R 10K J 1/10W		R508			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R154			RK73GB2A563J	CHIP R 56K J 1/10W		R509-512			RK73EB2E102J	CHIP R 1.0K J 1/4W	
R155-157			RK73GB2A103J	CHIP R 10K J 1/10W		R513,514			RK73EB2E101J	CHIP R 100 J 1/4W	
R158			RK73GB2A272J	CHIP R 2.7K J 1/10W		R519			RK73EB2E200J	CHIP R 20 J 1/4W	
R159			RK73GB2A103J	CHIP R 10K J 1/10W		R521			RK73EB2E101J	CHIP R 100 J 1/4W	
R160			RK73GB2A153J	CHIP R 15K J 1/10W		R522			RK73EB2E200J	CHIP R 20 J 1/4W	
R161			RK73GB2A103J	CHIP R 10K J 1/10W		R524			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R162			RK73GB2A562J	CHIP R 5.6K J 1/10W		R526			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R163			RK73GB2A104J	CHIP R 100K J 1/10W		R536-538			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R164			RK73GB2A103J	CHIP R 10K J 1/10W		R601			RK73EB2E221J	CHIP R 220 J 1/4W	
R165			RK73GB2A823J	CHIP R 82K J 1/10W		R602			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R166			RK73GB2A562J	CHIP R 5.6K J 1/10W		R603,604			RS14KB3A180J	FL-PROOF RS 18 J 1W	
R201-204			RN73GH1J153D	CHIP R 15K D 1/16W		R605			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R205,206			RK73GB2A102J	CHIP R 1.0K J 1/10W		R606			RK73GB2A153J	CHIP R 15K J 1/10W	
R209,210			RK73GB2A151J	CHIP R 150 J 1/10W		R607			RK73GB2A221J	CHIP R 220 J 1/10W	
R211-214			RN73GH1J153D	CHIP R 15K D 1/16W		R608			RK73GB2A333J	CHIP R 33K J 1/10W	
R254,255			RK73GB2A102J	CHIP R 1.0K J 1/10W		R609			RK73GB2A223J	CHIP R 22K J 1/10W	
R263			RK73GB2A472J	CHIP R 4.7K J 1/10W		R610			RK73GB2A622J	CHIP R 6.2K J 1/10W	
R267			RK73GB2A103J	CHIP R 10K J 1/10W		R611			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R321			RK73GB2A133J	CHIP R 13K J 1/10W		R612			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R322			RK73GB2A432J	CHIP R 4.3K J 1/10W		R613			RK73GB2A391J	CHIP R 390 J 1/10W	
R323			RK73GB2A100J	CHIP R 10 J 1/10W		R614			RK73FB2B153J	CHIP R 15K J 1/8W	
R328,329			RK73EB2E4R7J	CHIP R 4.7 J 1/4W		R615			RK73GB2A273J	CHIP R 27K J 1/10W	
R350			RK73GB2A682J	CHIP R 6.8K J 1/10W		R616			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R351			RK73GB2A102J	CHIP R 1.0K J 1/10W		R617			RK73FB2B153J	CHIP R 15K J 1/8W	
R352			RK73GB2A472J	CHIP R 4.7K J 1/10W		R620			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R353			RK73GB2A682J	CHIP R 6.8K J 1/10W		R621,622			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	
R354			RK73GB2A472J	CHIP R 4.7K J 1/10W		R671			RK73GB2A123J	CHIP R 12K J 1/10W	
R358			RK73GB2A100J	CHIP R 10 J 1/10W		R672			RK73EB2E3R3J	CHIP R 3.3 J 1/4W	
R359			RK73GB2A391J	CHIP R 390 J 1/10W		R691			RK73EB2E221J	CHIP R 220 J 1/4W	
R360			RK73GB2A102J	CHIP R 1.0K J 1/10W		R692,693			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	
R362			RK73EB2E221J	CHIP R 220 J 1/4W		R694			RK73GB2A101J	CHIP R 100 J 1/10W	
R363			RK73GB2A222J	CHIP R 2.2K J 1/10W		R701			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R364			RK73GB2A332J	CHIP R 3.3K J 1/10W		R751			RK73EB2E222J	CHIP R 2.2K J 1/4W	
R365			RK73GB2A223J	CHIP R 22K J 1/10W		R752			RK73GB2A100J	CHIP R 10 J 1/10W	
R383			RK73GB2A182J	CHIP R 1.8K J 1/10W		R753			RK73EB2E222J	CHIP R 2.2K J 1/4W	
R385			RD14DB2H4R7J	SMALL-RD 4.7 J 1/2W		R754			RK73EB2E1R0J	CHIP R 1.0 J 1/4W	
R386			RK73GB2A102J	CHIP R 1.0K J 1/10W		R755			RK73EB2E103J	CHIP R 10K J 1/4W	
R387			RD14DB2H4R7J	SMALL-RD 4.7 J 1/2W		R756			RK73GB2A104J	CHIP R 100K J 1/10W	
R400-403			RK73GB2A103J	CHIP R 10K J 1/10W		R771			RK73GB2A223J	CHIP R 22K J 1/10W	
R404			RK73GB2A102J	CHIP R 1.0K J 1/10W		R772			RK73GB2A103J	CHIP R 10K J 1/10W	
R405-408			RK73GB2A471J	CHIP R 470 J 1/10W		R773			RK73GB2A133J	CHIP R 13K J 1/10W	
R409			RK73GB2A103J	CHIP R 10K J 1/10W		R774			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R410			RK73GB2A471J	CHIP R 470 J 1/10W		R775			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R411			RK73GB2A432J	CHIP R 4.3K J 1/10W		R776			RK73GB2A223J	CHIP R 22K J 1/10W	

E : Europe

△ Indicates safety critical components.

PARTS LIST

SYNTHESIZER UNIT (X14-9382-70)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R777			RK73GB2A103J	CHIP R 10K J 1/10W		R901		*	RK73EB2E820J	CHIP R 82 J 1/4W	
R778			RK73GB2A133J	CHIP R 13K J 1/10W		R904			RK73EB2E752J	CHIP R 7.5K J 1/4W	
R779			RK73GB2A101J	CHIP R 100 J 1/10W		R905			RK73GB2A473J	CHIP R 47K J 1/10W	
R801,802			RK73GB2A473J	CHIP R 47K J 1/10W		R906			RK73GB2A104J	CHIP R 100K J 1/10W	
R803,804			RK73GB2A104J	CHIP R 100K J 1/10W		R908			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R805-811			RK73GB2A102J	CHIP R 1.0K J 1/10W		R909			RK73GB2A104J	CHIP R 100K J 1/10W	
R812			RK73GB2A472J	CHIP R 4.7K J 1/10W		R911-913			RK73GB2A103J	CHIP R 10K J 1/10W	
R813,814			RK73GB2A102J	CHIP R 1.0K J 1/10W		R920			RS14KB3A180J	FL-PROOF RS 18 J 1W	
R816			RK73GB2A102J	CHIP R 1.0K J 1/10W		R924			RK73EB2E221J	CHIP R 220 J 1/4W	
R817			RK73GB2A104J	CHIP R 100K J 1/10W		R927,928			RD14DB2H512J	SMALL-RD 5.1K J 1/2W	
R818,819			RK73GB2A102J	CHIP R 1.0K J 1/10W		R934,935			RK73GB2A104J	CHIP R 100K J 1/10W	
R820			RK73GB2A472J	CHIP R 4.7K J 1/10W		R936			RK73GB2A223J	CHIP R 22K J 1/10W	
R821			RK73GB2A222J	CHIP R 2.2K J 1/10W		R937			RK73GB2A104J	CHIP R 100K J 1/10W	
R822			RK73GB2A102J	CHIP R 1.0K J 1/10W		R938			RK73GB2A333J	CHIP R 33K J 1/10W	
R824			RK73GB2A222J	CHIP R 2.2K J 1/10W		R939			RK73GB2A473J	CHIP R 47K J 1/10W	
R825			RK73GB2A301J	CHIP R 300 J 1/10W		R940			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R826,827			RK73GB2A102J	CHIP R 1.0K J 1/10W		R941			RK73EB2E471J	CHIP R 470 J 1/4W	
R829			RK73GB2A103J	CHIP R 10K J 1/10W		R942		*	RK73GB2A6R8J	CHIP R 6.8 J 1/10W	
R830,831			RK73GB2A102J	CHIP R 1.0K J 1/10W		R943			RK73GB2A5R6J	CHIP R 5.6 J 1/10W	
R832			RK73GB2A104J	CHIP R 100K J 1/10W		D1			1SS133	DIODE	
R833-835			RK73GB2A102J	CHIP R 1.0K J 1/10W		D101			IMS A-6801	SURGE ABSORBER	
R836			RK73GB2A103J	CHIP R 10K J 1/10W		D321			HZS6A1L	ZENER DIODE	
R837			RK73GB2A102J	CHIP R 1.0K J 1/10W		D351			HZS7A3L	ZENER DIODE	
R838			RK73GB2A104J	CHIP R 100K J 1/10W		D352,353			MA111	DIODE	
R839			RK73GB2A471J	CHIP R 470 J 1/10W		D381			HZS9B2L	ZENER DIODE	
R840,841			RK73GB2A102J	CHIP R 1.0K J 1/10W		D381			MA4091(N)-L	ZENER DIODE	
R842			RK73GB2A104J	CHIP R 100K J 1/10W		D382			1SS133	DIODE	
R843			RK73GB2A102J	CHIP R 1.0K J 1/10W		D402			HZS6B1L	ZENER DIODE	
R844			RK73GB2A222J	CHIP R 2.2K J 1/10W		D402			MA4056(N)-M	ZENER DIODE	
R845,846			RK73GB2A101J	CHIP R 100 J 1/10W		D516			STZ6.8N	ZENER DIODE	
R847			RK73GB2A102J	CHIP R 1.0K J 1/10W		D517			DAN202U	DIODE	
R850			RK73GB2A472J	CHIP R 4.7K J 1/10W		D517			MA142WK	DIODE	
R851			RK73GB2A102J	CHIP R 1.0K J 1/10W		D518			STZ6.8N	ZENER DIODE	
R852			RK73GB2A104J	CHIP R 100K J 1/10W		D519,520			DAN202U	DIODE	
R853,854			RK73GB2A102J	CHIP R 1.0K J 1/10W		D519,520			MA142WK	DIODE	
R855			RK73GB2A101J	CHIP R 100 J 1/10W		D521			FTZ6.8E	ZENER DIODE	
R856			RK73GB2A222J	CHIP R 2.2K J 1/10W		D521			HZM6.8FA	ZENER DIODE	
R857			RK73GB2A101J	CHIP R 100 J 1/10W		D522,523			STZ6.8N	ZENER DIODE	
R858			RK73GB2A222J	CHIP R 2.2K J 1/10W		D602			HZM5.6N(B2)	ZENER DIODE	
R859			RK73GB2A472J	CHIP R 4.7K J 1/10W		D602			MA3056-M	ZENER DIODE	
R860			RK73GB2A101J	CHIP R 100 J 1/10W		D604			1SS133	DIODE	
R861			RK73GB2A103J	CHIP R 10K J 1/10W		D605			HZS7A3L	ZENER DIODE	
R862			RK73GB2A222J	CHIP R 2.2K J 1/10W		D606			HZM3.3N(B1)	ZENER DIODE	
R863			RK73GB2A102J	CHIP R 1.0K J 1/10W		D607			1SS133	DIODE	
R864			RK73GB2A222J	CHIP R 2.2K J 1/10W		D637			DA204U	DIODE	
R865			RK73GB2A101J	CHIP R 100 J 1/10W		D653			1SS133	DIODE	
R866			RK73GB2A332J	CHIP R 3.3K J 1/10W		D671			MA4051(N)-M	ZENER DIODE	
R867,868			RK73GB2A473J	CHIP R 47K J 1/10W		D672			D1F60	DIODE	
R869,870			RK73GB2A222J	CHIP R 2.2K J 1/10W		D672			1SR154-400	DIODE	
R871			RK73GB2A332J	CHIP R 3.3K J 1/10W		D691			HZS11B2L	ZENER DIODE	
R872			RK73GB2A102J	CHIP R 1.0K J 1/10W		D691			MA4110(N)-L	ZENER DIODE	
R874			RK73GB2A104J	CHIP R 100K J 1/10W		D751			1SS133	DIODE	
R875			RK73GB2A101J	CHIP R 100 J 1/10W		D752			DAN202U	DIODE	
R884			RK73GB2A154J	CHIP R 150K J 1/10W		D752			MA142WK	DIODE	
R885			RK73GB2A472J	CHIP R 4.7K J 1/10W							

E : Europe

△ Indicates safety critical components.

PARTS LIST

SYNTHESIZER UNIT (X14-9382-70)

Ref. No.	Add	New	Parts No.	Description	Destination
D771			HZS7A2L	ZENER DIODE	
D772			HZS7A3L	ZENER DIODE	
D773			MA3100-M	ZENER DIODE	
D901			STZ6.8N	ZENER DIODE	
D902			D3F60	DIODE	
D904			1SS133	DIODE	
D915			DAP202U	DIODE	
D915			MA142WA	DIODE	
D916			HZS12B1L	ZENER DIODE	
IC6			NJM4565V	ANALOGUE IC	
IC10			NJM4565M-TE2	ANALOGUE IC	
IC11			HA12181FP	ANALOGUE IC	
IC23			NJM4565V	ANALOGUE IC	
IC101			TDA7479D	ANALOGUE IC	
IC203		*	TDA7406	ANALOGUE IC	
IC204			NJM4565V	ANALOGUE IC	
IC401			TDA7384A	ANALOGUE IC	
IC451		*	TA8254BH	ANALOGUE IC	
IC502			HA12187FP	ANALOGUE IC	
IC771			TC7W02FU	MOS-IC	
IC801		*	703037HYGFM01	MICROCONTROLLER IC	
IC802			S-80842CNNB	MOS-IC	
IC803			BR24C02F-W	ROM IC	
Q101,102		*	UMF5N	TRANSISTOR	
Q105			DTC144EUA	DIGITAL TRANSISTOR	
Q105			UN5213	DIGITAL TRANSISTOR	
Q107			2SC4081	TRANSISTOR	
Q152			DTC114TUA	DIGITAL TRANSISTOR	
Q152			UN5215	DIGITAL TRANSISTOR	
Q153			2SC4081	TRANSISTOR	
Q251			DTC124EUA	DIGITAL TRANSISTOR	
Q251			UN5212	DIGITAL TRANSISTOR	
Q254			DTC124EUA	DIGITAL TRANSISTOR	
Q254			UN5212	DIGITAL TRANSISTOR	
Q352			DTC114YUA	DIGITAL TRANSISTOR	
Q354			2SC4081	TRANSISTOR	
Q355			2SK246(BL)-F	FET	
Q356			2SB1202	TRANSISTOR	
Q358			DTC124EUA	DIGITAL TRANSISTOR	
Q358			UN5212	DIGITAL TRANSISTOR	
Q359			DTA124EUA	DIGITAL TRANSISTOR	
Q359			UN5112	DIGITAL TRANSISTOR	
Q360,361			2SC4081	TRANSISTOR	
Q383			UMC2N	TRANSISTOR	
Q384			2SB1202	TRANSISTOR	
Q385			2SC4081	TRANSISTOR	
Q403,404			2SA1576A	TRANSISTOR	
Q405			2SC4081	TRANSISTOR	
Q501,502			DTA124EUA	DIGITAL TRANSISTOR	
Q501,502			UN5112	DIGITAL TRANSISTOR	
Q503			DTC144EUA	DIGITAL TRANSISTOR	
Q503			UN5213	DIGITAL TRANSISTOR	
Q505			DTC144EUA	DIGITAL TRANSISTOR	
Q505			UN5213	DIGITAL TRANSISTOR	
Q601			2SC3392	TRANSISTOR	

Ref. No.	Add	New	Parts No.	Description	Destination
Q603		*	CPH5703	TRANSISTOR	
Q604			2SA1530A	TRANSISTOR	
Q605			2SB1202	TRANSISTOR	
Q606			2SC4081	TRANSISTOR	
Q607			2SB1443	TRANSISTOR	
Q608			UMC2N	TRANSISTOR	
Q609			2SB1443	TRANSISTOR	
Q610			DTA124EUA	DIGITAL TRANSISTOR	
Q610			UN5112	DIGITAL TRANSISTOR	
Q612			2SC4081	TRANSISTOR	
Q653			2SB1548(P)	TRANSISTOR	
Q654			2SC4081	TRANSISTOR	
Q691			UMC2N	TRANSISTOR	
Q694			2SD1803	TRANSISTOR	
Q751			DTA124EUA	DIGITAL TRANSISTOR	
Q751			UN5112	DIGITAL TRANSISTOR	
Q752			2SB1443	TRANSISTOR	
Q753			2SC4081	TRANSISTOR	
Q754			DTC124EUA	DIGITAL TRANSISTOR	
Q754			UN5212	DIGITAL TRANSISTOR	
Q771,772			2SC4081	TRANSISTOR	
Q773			DTC144EUA	DIGITAL TRANSISTOR	
Q773			UN5213	DIGITAL TRANSISTOR	
Q801			2SA1576A	TRANSISTOR	
Q802			UMC2N	TRANSISTOR	
Q803			DTC144EUA	DIGITAL TRANSISTOR	
Q803			UN5213	DIGITAL TRANSISTOR	
Q804			DTC114EUA	DIGITAL TRANSISTOR	
Q804			UN5211	DIGITAL TRANSISTOR	
Q805			DTA114EUA	DIGITAL TRANSISTOR	
Q805			UN5111	DIGITAL TRANSISTOR	
Q807			DTC114EUA	DIGITAL TRANSISTOR	
Q807			UN5211	DIGITAL TRANSISTOR	
A1			W02-3349-05	FM/AM FRONT-END	
SWITCH UNIT (X34-3142-70)					
PL1 -4			B30-1643-05	LAMP (5.5V 0.125A G)	
C1			CK73GB1A224K	CHIP C 0.22UF K	
C3 ,4			CK73GB1A224K	CHIP C 0.22UF K	
C8			CK73GB1A224K	CHIP C 0.22UF K	
C9 ,10			CK73GB1C104K	CHIP C 0.10UF K	
C9 ,10			CK73GB1H104K	CHIP C 0.10UF K	
C11			CK73GB1A224K	CHIP C 0.22UF K	
CN1		*	E41-2118-05	SOCKET FOR PIN ASSY	
255		*	H30-0584-04	ADHESIVE DOUBLE-COATED TAPE	
256	2A	*	J19-5278-03	HOLDER	
X1		*	L78-0897-05	RESONATOR (4MHZ)	
R1			RK73EB2E821J	CHIP R 820 J 1/4W	
R2			RK73GB2A331J	CHIP R 330 J 1/10W	
R3			RK73GB2A821J	CHIP R 820 J 1/10W	
R4			RK73EB2E331J	CHIP R 330 J 1/4W	

E : Europe

△ Indicates safety critical components.

PARTS LIST

SWITCH UNIT (X34-3142-70)

Ref. No.	Add	New	Parts No.	Description	Destination	Ref. No.	Add	New	Parts No.	Description	Destination
R5		*	RK73EB2E161J	CHIP R 160 J 1/4W		W108			R92-2053-05	CHIP R 0 OHM J 1/8W	
R6			RK73GB2A161J	CHIP R 160 J 1/10W		W109			R92-1252-05	CHIP R 0 OHM J 1/16W	
R7			RK73EB2E111J	CHIP R 110 J 1/4W		W110-115			R92-2053-05	CHIP R 0 OHM J 1/8W	
R8			RK73GB2A111J	CHIP R 110 J 1/10W		W116-119			R92-1217-05	CHIP R 0 OHM	
R9			RK73GB2A680J	CHIP R 68 J 1/10W		W120			R92-2053-05	CHIP R 0 OHM J 1/8W	
R10			RK73EB2E220J	CHIP R 22 J 1/4W		S1 -18			S70-0883-05	TACT SWITCH	
R11			RK73GB2A223J	CHIP R 22K J 1/10W		S19			T99-0435-05	ROTARY ENCODER	
R13			RK73EB2E103J	CHIP R 10K J 1/4W		D1	*		HZM2.4N(B)	ZENER DIODE	
R14			RK73EB2E104J	CHIP R 100K J 1/4W		D6			DAN202U	DIODE	
R15			RK73GB2A301J	CHIP R 300 J 1/10W		ED1			6-MT-378GINK	FLUORESCENT INDICATOR TUBE	
R16			RK73EB2E104J	CHIP R 100K J 1/4W		IC1	*		MB90561A-364	MICROCONTROLLER IC	
R17			RK73GB2A301J	CHIP R 300 J 1/10W		IC2			BR24C02F-W	ROM IC	
R18			RK73GB2A104J	CHIP R 100K J 1/10W		Q1			UMC2N	TRANSISTOR	
R19			RK73GB2A301J	CHIP R 300 J 1/10W		Q2			2SB1188	TRANSISTOR	
R20			RK73GB2A104J	CHIP R 100K J 1/10W							
R21			RK73EB2E103J	CHIP R 10K J 1/4W							
R22			RK73GB2A104J	CHIP R 100K J 1/10W							
R23			RK73EB2E104J	CHIP R 100K J 1/4W							
R24 -26			RK73GB2A103J	CHIP R 10K J 1/10W							
R27			RK73GB2A101J	CHIP R 100 J 1/10W							
R28			RK73EB2E680J	CHIP R 68 J 1/4W							
R29 ,30			RK73EB2E102J	CHIP R 1.0K J 1/4W							
R31			RK73EB2E222J	CHIP R 2.2K J 1/4W							
R32			RK73GB2A222J	CHIP R 2.2K J 1/10W							
R33 ,34			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R35			RK73GB2A103J	CHIP R 10K J 1/10W							
R36 ,37			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R38 -40			RK73EB2E102J	CHIP R 1.0K J 1/4W							
R41			RK73GB2A101J	CHIP R 100 J 1/10W							
R42			RK73EB2E101J	CHIP R 100 J 1/4W							
R43			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R44			RK73EB2E101J	CHIP R 100 J 1/4W							
R45			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R46			RK73EB2E103J	CHIP R 10K J 1/4W							
R47			RK73GB2A222J	CHIP R 2.2K J 1/10W							
R48			RK73EB2E222J	CHIP R 2.2K J 1/4W							
R49			RK73EB2E102J	CHIP R 1.0K J 1/4W							
R50 ,51			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R52 ,53			RK73GB2A103J	CHIP R 10K J 1/10W							
R54			RK73GB2A680J	CHIP R 68 J 1/10W							
R55			RK73GB2A331J	CHIP R 330 J 1/10W							
R56		*	RK73EB2E161J	CHIP R 160 J 1/4W							
R57			RK73EB2E111J	CHIP R 110 J 1/4W							
R58 ,59			RK73GB2A103J	CHIP R 10K J 1/10W							
R60			RK73GB2A102J	CHIP R 1.0K J 1/10W							
R61			RK73GB2A101J	CHIP R 100 J 1/10W							
R62			R92-0699-05	CHIP R 10 J 1/2W							
R63			R92-2559-05	CHIP R 12 J 1/2W							
R64			R92-0699-05	CHIP R 10 J 1/2W							
R65			R92-2559-05	CHIP R 12 J 1/2W							
R66			R92-0699-05	CHIP R 10 J 1/2W							
R67			R92-2559-05	CHIP R 12 J 1/2W							
W1			R92-1252-05	CHIP R 0 OHM J 1/16W							
W2			R92-2053-05	CHIP R 0 OHM J 1/8W							
W101-106			R92-2053-05	CHIP R 0 OHM J 1/8W							

E : Europe

△ Indicates safety critical components.

GX806EF2

SPECIFICATIONS

FM

Frequency Range 87.5~108.0MHz
Frequency Step 50kHz
Usable Sensitivity (S/N 26dB) -2dB μ V EMF
Signal to Noise Ratio (MONO) 65dB
Selectivity (\pm 300kHz) 90dB μ V EMF
Stereo Separation (1kHz) 30dB

MW, LW

Frequency Range
MW 531~1611kHz
LW 153~281kHz
Frequency Step
MW 9kHz
LW 1kHz
Usable Sensitivity (S/N 20dB)
MW 35dB μ V EMF
LW 40dB μ V EMF

CD

Digital Filter 8 Times Over Sampling
D/A Converter 1 Bit
Total Harmonic Distortion 0.5% (1kHz, 20kHz)
Signal to Noise Ratio 60dB (1kHz)
Channel Separation 50dB (1kHz)

Audio

Maximum Output Power 20W x 4 (4 Ω)
Tone Action
Bass : 100Hz \pm 8dB
Mid : 400Hz \pm 8dB
Treble : 6.3kHz \pm 8dB

General

Operating voltage 13.2V (10.8~15.6V)
Current Consumption 17A

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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