

MDX-F5800

SONY®

SERVICE MANUAL

Ver 1.1 2004.09

US Model
AEP Model
UK Model

SUPPLEMENT-1

File this supplement with the service manual.

**Subject: Change of MAIN and MINIATURE JACK boards.
(Suffix-12)**

(ECN-ECA39783)

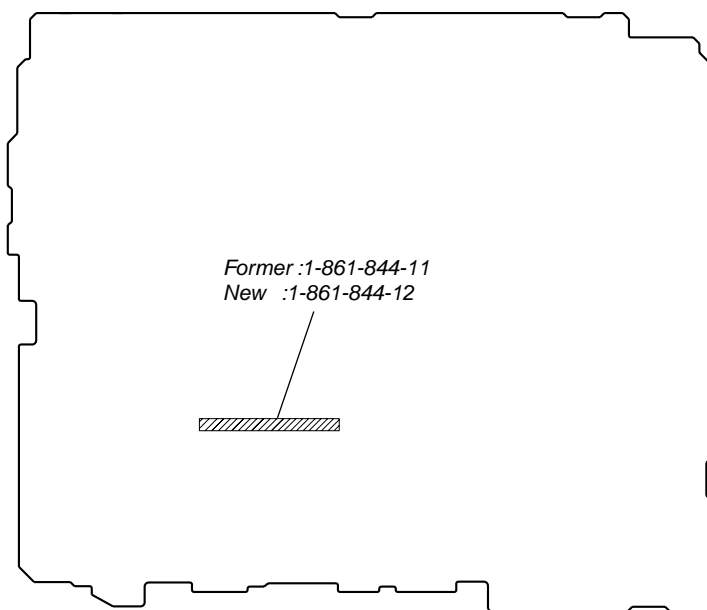
In this set, MAIN and MINIATURE JACK boards have been changed in the midway of production.

Printed wiring boards, schematic diagrams and electrical parts list of new type are described in this supplement-1.

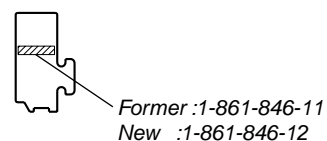
Refer to original service manual for other information.

1. NEW/FORMER DISCRIMINATION

– MAIN BOARD (Component Side) –



– MINIATURE JACK BOARD (Component Side) –



2. DIAGRAMS

• Note for Printed Wiring Boards and Schematic Diagrams

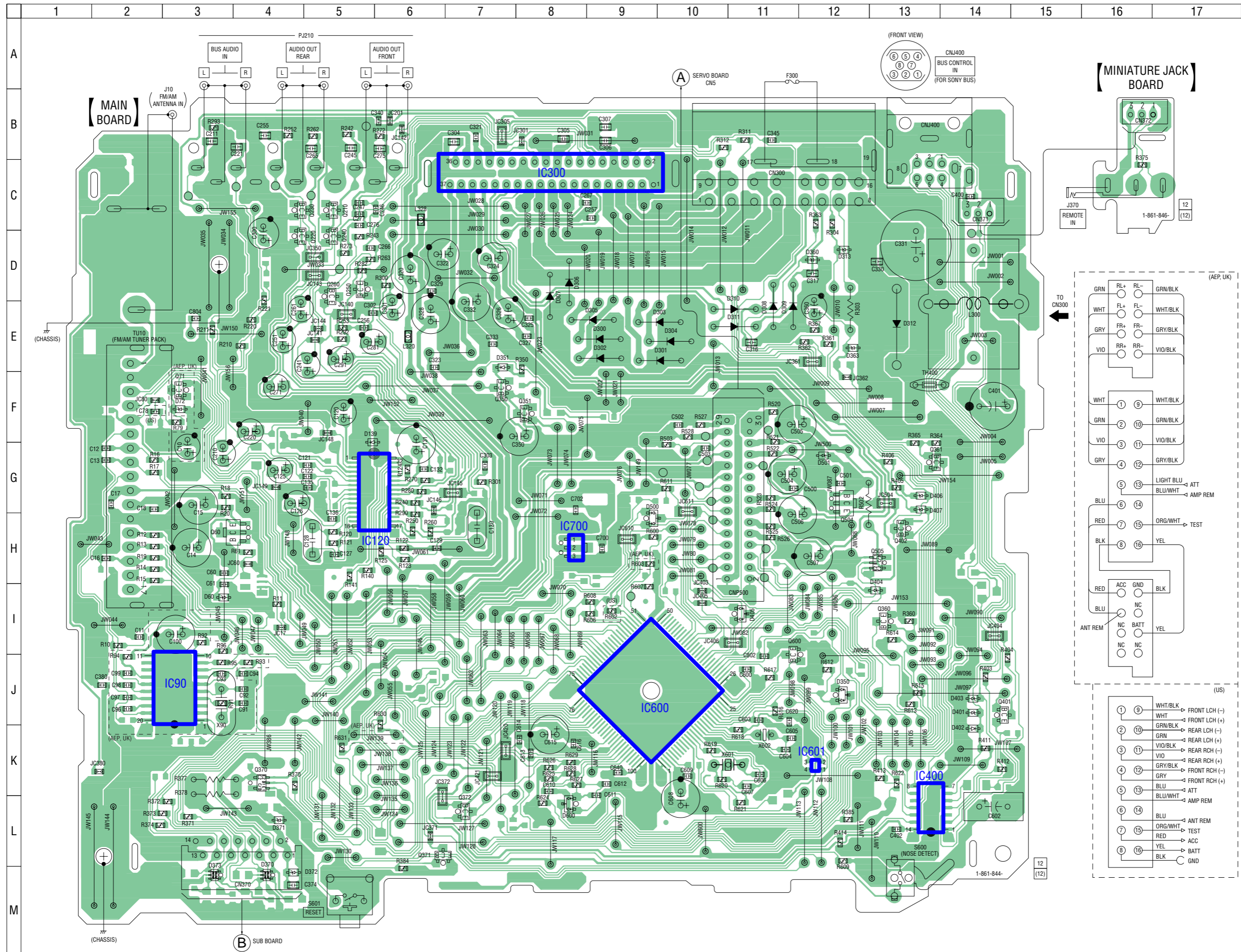
Note on Printed Wiring Board:

- — : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. (p: pF)
50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{ W}$ or less unless otherwise specified.
- : panel designation.
- : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
no mark : FM
<< >> : AM (MW/LW)
() : MD PLAY
- Voltages are taken with a VOM (Input impedance $10\text{ M}\Omega$).
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
Σ : MD PLAY
⇒ : FM
➡ : AM (MW/LW)
⇨ : BUS AUDIO IN

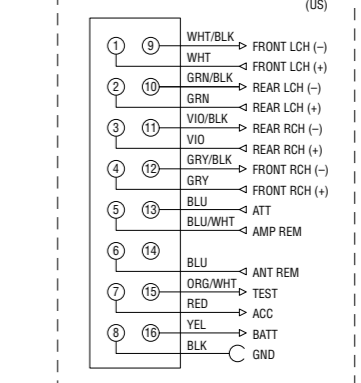
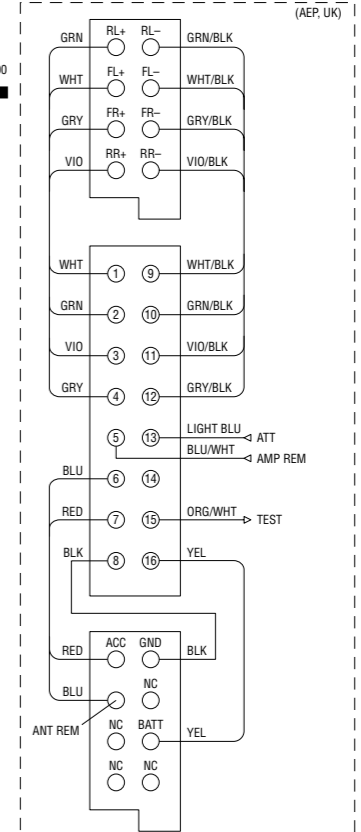
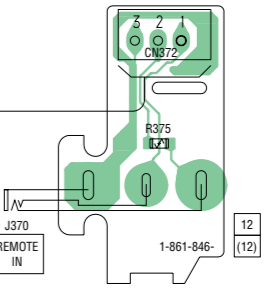
2-1. PRINTED WIRING BOARDS  :Uses unleaded solder.



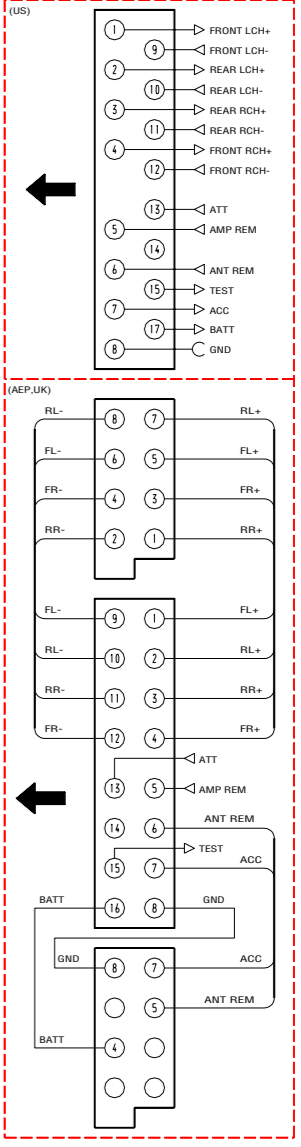
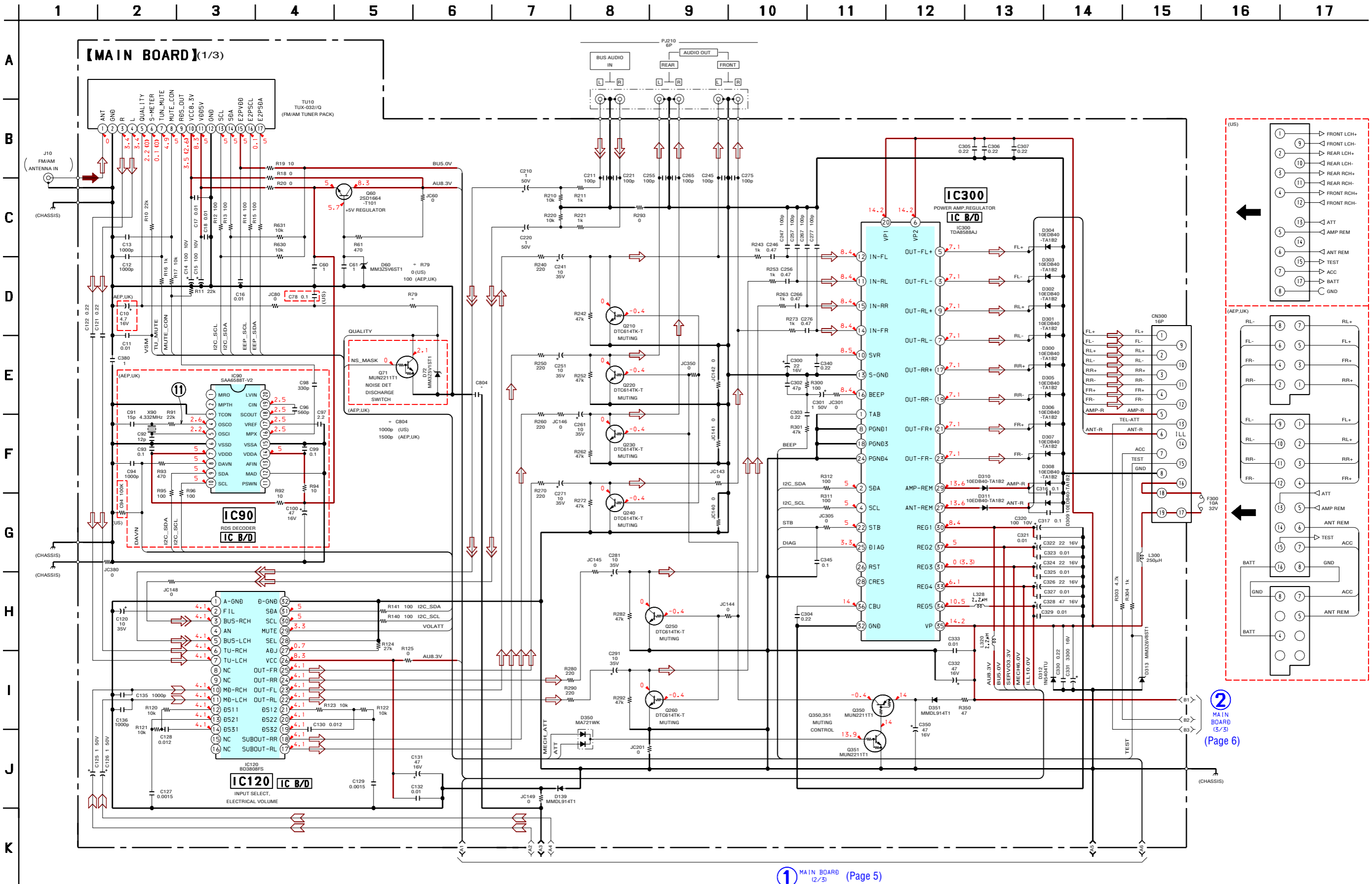
• Semiconductor Location

Ref. No.	Location
D60	I-3
D72	F-3
D139	G-5
D300	E-9
D301	E-10
D302	E-9
D303	E-10
D304	E-10
D305	E-9
D306	D-8
D307	D-8
D308	E-11
D309	E-11
D311	E-11
D312	E-13
D313	D-12
D350	J-12
D351	E-7
D360	D-12
D363	E-12
D370	M-4
D371	L-4
D372	M-4
D373	M-3
D401	J-14
D402	K-14
D403	J-14
D404	I-13
D405	I-11
D406	G-13
D407	G-13
D500	H-9
D501	G-12
D600	L-8
IC90	J-3
IC120	G-5
IC300	C-8
IC400	L-13
IC600	J-9
IC601	K-12
IC700	H-8
Q60	H-4
Q71	F-3
Q210	C-5
Q220	D-4
Q230	C-4
Q240	D-5
Q250	D-5
Q260	D-5
Q350	F-7
Q351	F-8
Q360	I-13
Q361	G-13
Q370	K-4
Q371	L-6
Q372	L-7
Q401	J-14
Q402	H-13
Q504	G-12
Q505	H-13
Q600	J-11

【MINIATURE JACK BOARD】



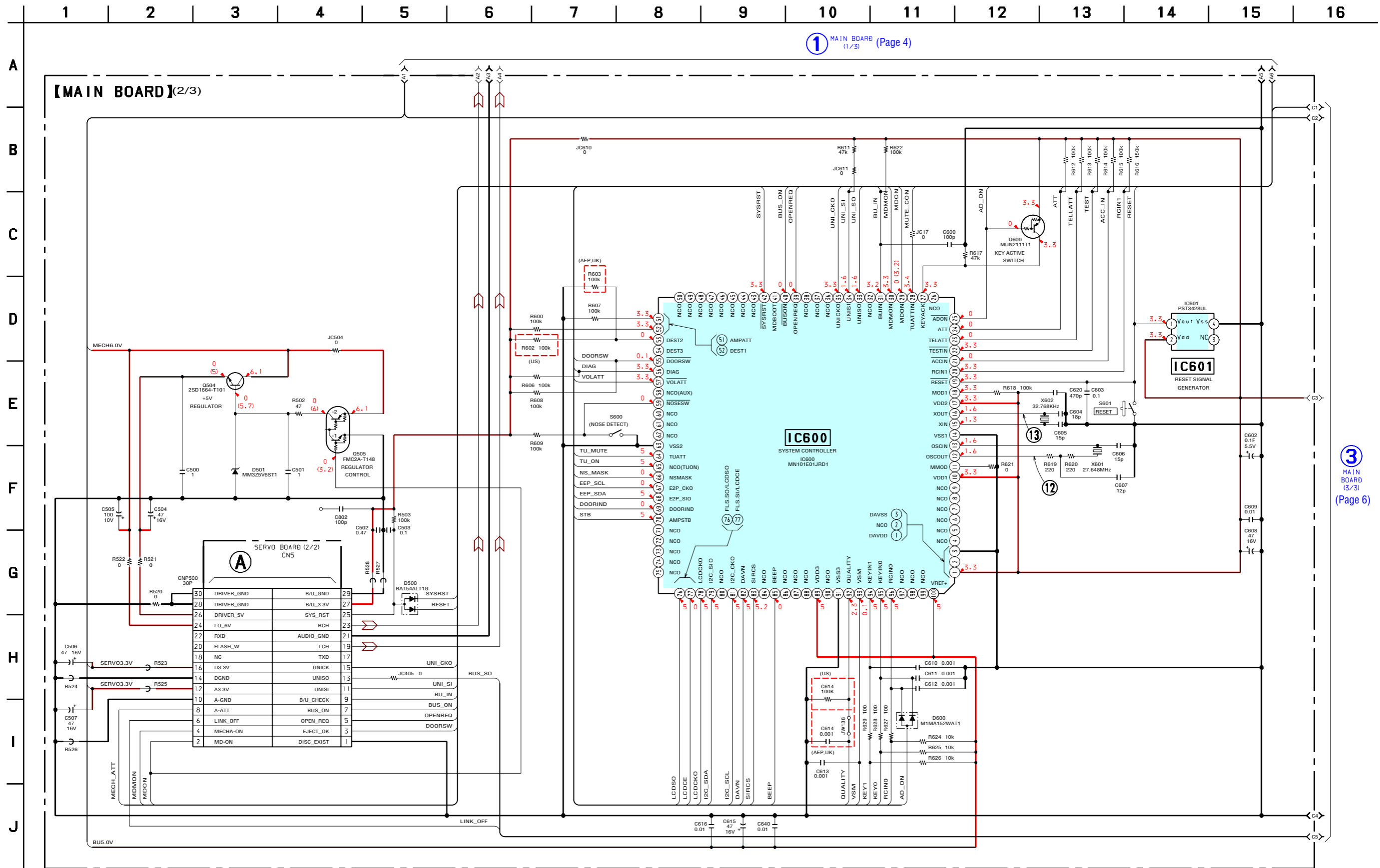
2-2. SCHEMATIC DIAGRAM – MAIN Section (1/3) –



1 MAIN BOARD (2/3) (Page 5)

2 MAIN BOARD (3/3) (Page 6)

2-3. SCHEMATIC DIAGRAM - MAIN Section (2/3) -



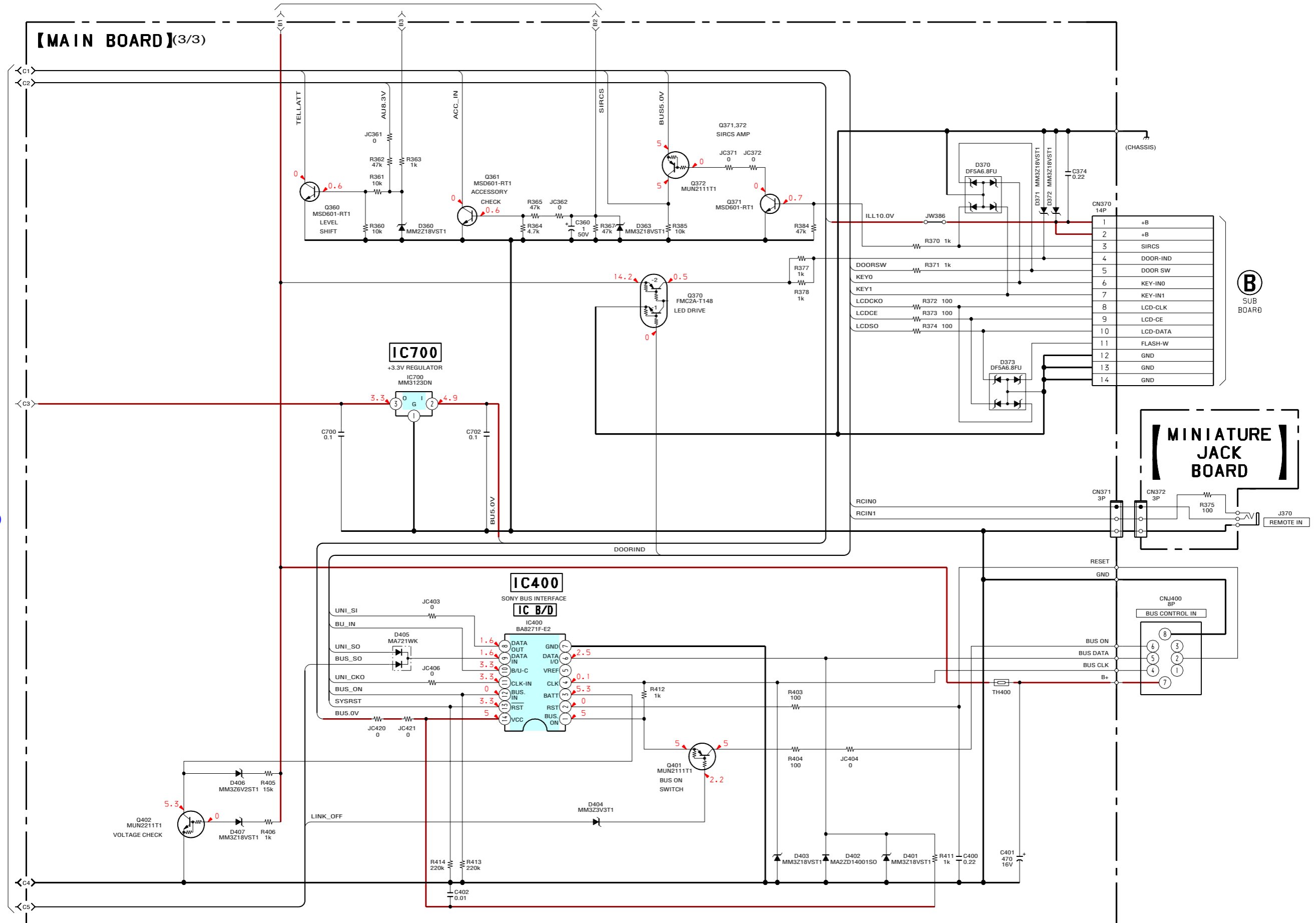
2-4. SCHEMATIC DIAGRAM - MAIN Section (3/3) -

1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

2 MAIN BOARD (Page 4) (1/3)

[MAIN BOARD] (3/3)



3 MAIN BOARD (2/3) (Page 5)

B SUB BOARD

MINIATURE JACK BOARD

3. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA... : μ A... uPA... : μ PA...
uPB... : μ PB... uPC... : μ PC...
uPD... : μ PD...
- CAPACITORS
uF: μ F
- COILS
uH: μ H

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

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	A-3283-609-A	MAIN BOARD, COMPLETE (Including the MINIATURE JACK board) (AEP, UK)		C121	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
				C122	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
	A-3283-610-A	MAIN BOARD, COMPLETE (Including the MINIATURE JACK board) (US) *****		C125	1-104-942-11	ELECT 1uF 20%	50V
				C126	1-104-942-11	ELECT 1uF 20%	50V
				C127	1-162-965-11	CERAMIC CHIP 0.0015uF 10%	50V
				C128	1-136-154-00	FILM 0.012uF 5%	50V
				C129	1-162-965-11	CERAMIC CHIP 0.0015uF 10%	50V
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT		C130	1-136-154-00	FILM 0.012uF 5%	50V
	7-685-793-09	SCREW +PTT 2.6X8 (S)		C131	1-124-589-11	ELECT 47uF 20%	16V
	7-685-795-09	SCREW +PTT 2.6X12 (S)		C132	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V
		< CAPACITOR >		C135	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C10	1-124-231-61	ELECT 4.7uF 20%	16V (AEP, UK)	C136	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V
C11	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	C210	1-104-942-11	ELECT 1uF 20%	50V
C12	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	C211	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C13	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	C220	1-104-942-11	ELECT 1uF 20%	50V
C14	1-124-584-00	ELECT 100uF 20%	10V	C221	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
				C241	1-128-428-11	ELECT 10uF 20%	35V
C15	1-124-584-00	ELECT 100uF 20%	10V	C245	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C16	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	C246	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
C17	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	C247	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C18	1-162-970-11	CERAMIC CHIP 0.01uF 10%	25V	C251	1-128-428-11	ELECT 10uF 20%	35V
C60	1-115-156-11	CERAMIC CHIP 1uF 10%	10V	C255	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C61	1-115-156-11	CERAMIC CHIP 1uF 10%	10V	C256	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
C78	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V (US)	C257	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C91	1-162-917-11	CERAMIC CHIP 15PF 5%	50V (AEP, UK)	C261	1-128-428-11	ELECT 10uF 20%	35V
C92	1-162-916-11	CERAMIC CHIP 12PF 5%	50V (AEP, UK)	C265	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C93	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V (AEP, UK)	C266	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
C94	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V (AEP, UK)	C267	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C94	1-216-845-11	METAL CHIP 100K 5%	1/10W (US)	C271	1-128-428-11	ELECT 10uF 20%	35V
C96	1-164-739-11	CERAMIC CHIP 560PF 5%	50V (AEP, UK)	C275	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C97	1-135-834-11	CERAMIC CHIP 2.2uF 6.3V	6.3V (AEP, UK)	C276	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V
C98	1-162-959-11	CERAMIC CHIP 330PF 5%	50V (AEP, UK)	C277	1-162-927-11	CERAMIC CHIP 100PF 5%	50V
C99	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V (AEP, UK)	C281	1-128-428-11	ELECT 10uF 20%	35V
C100	1-124-589-11	ELECT 47uF 20%	16V (AEP, UK)	C291	1-128-428-11	ELECT 10uF 20%	35V
C120	1-128-428-11	ELECT 10uF 20%	35V	C300	1-124-234-00	ELECT 22uF 20%	16V
				C301	1-126-160-11	ELECT 1uF 20%	50V
				C302	1-162-923-11	CERAMIC CHIP 47PF 5%	50V
				C303	1-127-715-11	CERAMIC CHIP 0.22uF 10%	16V
				C304	1-115-340-11	CERAMIC CHIP 0.22uF 10%	25V
				C305	1-115-340-11	CERAMIC CHIP 0.22uF 10%	25V
				C306	1-115-340-11	CERAMIC CHIP 0.22uF 10%	25V
				C307	1-115-340-11	CERAMIC CHIP 0.22uF 10%	25V
				C316	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V

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MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C317	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C804	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V (AEP, UK)
C320	1-124-584-00	ELECT	100uF	20%	10V						
C321	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V						
C322	1-124-234-00	ELECT	22uF	20%	16V			< CONNECTOR >			
C323	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CN300	1-774-701-21	PIN, CONNECTOR 16P			
C324	1-124-234-00	ELECT	22uF	20%	16V	CN370	1-784-456-11	CONNECTOR, FFC/FPC 14P			
C325	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	CNJ400	1-580-907-31	PLUG, CONNECTOR (BUS CONTROL IN)			
C326	1-124-234-00	ELECT	22uF	20%	16V	CNP500	1-764-617-12	PIN, CONNECTOR (PC BOARD) 30P			
C327	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V			< DIODE >			
C328	1-124-589-11	ELECT	47uF	20%	16V	D60	8-719-036-94	DIODE RD5.6SB-T1			
C329	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D72	8-719-976-99	DIODE DTZ5.1B (AEP, UK)			
C330	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	D139	8-719-081-97	DIODE MMDL914T1			
C331	1-135-473-21	ELECT	3300uF	20%	16V	D300	6-500-522-01	DIODE 10EDB40-TA1B2			
C332	1-124-589-11	ELECT	47uF	20%	16V	D301	6-500-522-01	DIODE 10EDB40-TA1B2			
C333	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D302	6-500-522-01	DIODE 10EDB40-TA1B2			
C340	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	D303	6-500-522-01	DIODE 10EDB40-TA1B2			
C345	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D304	6-500-522-01	DIODE 10EDB40-TA1B2			
C350	1-124-589-11	ELECT	47uF	20%	16V	D305	6-500-522-01	DIODE 10EDB40-TA1B2			
C360	1-126-160-11	ELECT	1uF	20%	50V	D306	6-500-522-01	DIODE 10EDB40-TA1B2			
C374	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V	D307	6-500-522-01	DIODE 10EDB40-TA1B2			
C380	1-115-156-11	CERAMIC CHIP	1uF		10V	D308	6-500-522-01	DIODE 10EDB40-TA1B2			
C400	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	D309	6-500-522-01	DIODE 10EDB40-TA1B2			
C401	1-126-935-11	ELECT	470uF	20%	16V	D310	6-500-522-01	DIODE 10EDB40-TA1B2			
C402	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D311	6-500-522-01	DIODE 10EDB40-TA1B2			
C500	1-115-156-11	CERAMIC CHIP	1uF		10V	D312	8-719-049-38	DIODE 1N5404TU			
C501	1-115-156-11	CERAMIC CHIP	1uF		10V	D313	8-719-056-83	DIODE UDZ-TE-17-6.8B			
C502	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V	D350	8-719-040-04	DIODE MA721WK-(TX)			
C503	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D351	8-719-081-97	DIODE MMDL914T1			
C504	1-124-589-11	ELECT	47uF	20%	16V	D360	8-719-056-93	DIODE UDZ-TE-17-18B			
C505	1-124-584-00	ELECT	100uF	20%	10V	D363	8-719-056-93	DIODE UDZ-TE-17-18B			
C506	1-124-589-11	ELECT	47uF	20%	16V	D370	8-719-078-81	DIODE DF5A6.8FU (TE85R)			
C507	1-124-589-11	ELECT	47uF	20%	16V	D371	8-719-056-93	DIODE UDZ-TE-17-18B			
C600	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	D372	8-719-056-93	DIODE UDZ-TE-17-18B			
C602	1-125-710-11	DOUBLE LAYER	0.1F		5.5V	D373	8-719-078-81	DIODE DF5A6.8FU (TE85R)			
C603	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	D401	8-719-056-93	DIODE UDZ-TE-17-18B			
C604	1-162-918-11	CERAMIC CHIP	18PF	5%	50V	D402	8-719-072-70	DIODE MA22D14001S0			
C605	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	D403	8-719-056-93	DIODE UDZ-TE-17-18B			
C606	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	D404	6-500-600-01	DIODE MM3Z3V3T1			
C607	1-162-916-11	CERAMIC CHIP	12PF	5%	50V	D405	8-719-040-04	DIODE MA721WK-(TX)			
C608	1-124-589-11	ELECT	47uF	20%	16V	D406	6-500-024-01	DIODE MM3Z6V2ST1			
C609	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D407	8-719-056-93	DIODE UDZ-TE-17-18B			
C610	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	D500	6-501-013-01	DIODE BAT54ALT1			
C611	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	D501	8-719-036-94	DIODE RD5.6SB-T1			
C612	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	D600	8-719-050-37	DIODE M1MA152WA-T1			
C613	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V			< IC >			
C614	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	IC90	6-703-809-01	IC SAA6588T/V2-518 (AEP, UK)			
C614	1-216-845-11	METAL CHIP	100K	5%	1/10W (US)	IC120	6-705-372-01	IC BD3808FS-FE2			
C615	1-124-589-11	ELECT	47uF	20%	16V	IC300	6-705-359-02	IC TDA8588AJ/N2/R1			
C616	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	IC400	6-703-884-01	IC BA8271F-E2			
C620	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	IC600	6-804-511-02	IC MN101E01JRD1			
C640	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	IC601	8-759-659-13	IC PST3428UL			
C700	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	IC700	6-705-373-01	IC MM3123DPLE			
C702	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V			< JACK >			
C802	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	J10	1-815-185-13	JACK (ANT) (FM/AM ANTENNA IN)			
C804	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V (US)						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< SHORT >					
JC17	1-216-864-11	SHORT CHIP	0	Q401	8-729-424-08	TRANSISTOR	UN2111
JC60	1-216-864-11	SHORT CHIP	0	Q402	8-729-421-22	TRANSISTOR	UN2211
JC80	1-216-864-11	SHORT CHIP	0	Q504	8-729-920-85	TRANSISTOR	2SD1664-QR
JC140	1-216-296-11	SHORT CHIP	0	Q505	8-729-047-76	TRANSISTOR	FMC2A-T148
JC141	1-216-864-11	SHORT CHIP	0	Q600	8-729-424-08	TRANSISTOR	UN2111
		< RESISTOR/FERRITE BEAD >					
JC142	1-216-864-11	SHORT CHIP	0	R10	1-216-837-11	METAL CHIP	22K 5% 1/10W
JC143	1-216-296-11	SHORT CHIP	0	R11	1-216-837-11	METAL CHIP	22K 5% 1/10W
JC144	1-216-864-11	SHORT CHIP	0	R12	1-216-809-11	METAL CHIP	100 5% 1/10W
JC145	1-216-296-11	SHORT CHIP	0	R13	1-216-809-11	METAL CHIP	100 5% 1/10W
JC146	1-216-864-11	SHORT CHIP	0	R14	1-216-809-11	METAL CHIP	100 5% 1/10W
JC148	1-216-864-11	SHORT CHIP	0	R15	1-216-809-11	METAL CHIP	100 5% 1/10W
JC149	1-216-864-11	SHORT CHIP	0	R16	1-216-821-11	METAL CHIP	1K 5% 1/10W
JC201	1-216-864-11	SHORT CHIP	0	R17	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC301	1-216-864-11	SHORT CHIP	0	R18	1-216-864-11	SHORT CHIP	0
JC305	1-216-296-11	SHORT CHIP	0	R19	1-216-797-11	METAL CHIP	10 5% 1/10W
JC350	1-216-296-11	SHORT CHIP	0	R20	1-216-864-11	SHORT CHIP	0
JC361	1-216-296-11	SHORT CHIP	0	R61	1-216-817-11	METAL CHIP	470 5% 1/10W
JC362	1-216-864-11	SHORT CHIP	0	R79	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
JC371	1-216-864-11	SHORT CHIP	0	R79	1-216-864-11	SHORT CHIP	0 (US)
JC372	1-216-296-11	SHORT CHIP	0	R91	1-216-837-11	METAL CHIP	22K 5% 1/10W (AEP, UK)
JC380	1-216-864-11	SHORT CHIP	0	R92	1-216-797-11	METAL CHIP	10 5% 1/10W (AEP, UK)
JC403	1-216-864-11	SHORT CHIP	0	R93	1-216-817-11	METAL CHIP	470 5% 1/10W (AEP, UK)
JC404	1-216-296-11	SHORT CHIP	0	R94	1-216-797-11	METAL CHIP	10 5% 1/10W (AEP, UK)
JC405	1-216-864-11	SHORT CHIP	0	R95	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
JC406	1-216-296-11	SHORT CHIP	0	R96	1-216-809-11	METAL CHIP	100 5% 1/10W (AEP, UK)
JC420	1-216-296-11	SHORT CHIP	0	R120	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC421	1-216-296-11	SHORT CHIP	0	R121	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC504	1-216-296-11	SHORT CHIP	0	R122	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC610	1-216-296-11	SHORT CHIP	0	R123	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC611	1-216-296-11	SHORT CHIP	0	R124	1-216-838-11	METAL CHIP	27K 5% 1/10W
		< COIL >					
L300	1-456-617-11	COIL, CHOKE	250uH	R125	1-216-864-11	SHORT CHIP	0
L320	1-469-844-11	INDUCTOR	2.2uH	R140	1-216-809-11	METAL CHIP	100 5% 1/10W
L328	1-469-844-11	INDUCTOR	2.2uH	R141	1-216-809-11	METAL CHIP	100 5% 1/10W
		< JACK >		R210	1-216-833-11	METAL CHIP	10K 5% 1/10W
PJ210	1-774-700-11	JACK, PIN 6P (AUDIO OUT FRONT/REAR, BUS AUDIO IN)		R211	1-216-821-11	METAL CHIP	1K 5% 1/10W
		< TRANSISTOR >					
Q60	8-729-920-85	TRANSISTOR	2SD1664-QR	R220	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q71	8-729-421-22	TRANSISTOR	UN2211 (AEP, UK)	R221	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q210	6-550-752-01	TRANSISTOR	DTC614TKT146	R240	1-216-813-11	METAL CHIP	220 5% 1/10W
Q220	6-550-752-01	TRANSISTOR	DTC614TKT146	R242	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q230	6-550-752-01	TRANSISTOR	DTC614TKT146	R243	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q240	6-550-752-01	TRANSISTOR	DTC614TKT146	R250	1-216-813-11	METAL CHIP	220 5% 1/10W
Q250	6-550-752-01	TRANSISTOR	DTC614TKT146	R252	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q260	6-550-752-01	TRANSISTOR	DTC614TKT146	R253	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q350	8-729-424-08	TRANSISTOR	UN2111	R260	1-216-813-11	METAL CHIP	220 5% 1/10W
Q351	8-729-421-22	TRANSISTOR	UN2211	R262	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q360	8-729-010-25	TRANSISTOR	MSD601-RT1	R263	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q361	8-729-010-25	TRANSISTOR	MSD601-RT1	R270	1-216-813-11	METAL CHIP	220 5% 1/10W
Q370	8-729-047-76	TRANSISTOR	FMC2A-T148	R272	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q371	8-729-010-25	TRANSISTOR	MSD601-RT1	R273	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q372	8-729-424-08	TRANSISTOR	UN2111	R280	1-216-813-11	METAL CHIP	220 5% 1/10W

MDX-F5800

MAIN	MINIATURE JACK
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Ref. No.	Part No.	Description	Remark
R282	1-216-841-11	METAL CHIP 47K	5% 1/10W
R290	1-216-813-11	METAL CHIP 220	5% 1/10W
R292	1-216-841-11	METAL CHIP 47K	5% 1/10W
R293	1-216-864-11	SHORT CHIP 0	
R300	1-216-809-11	METAL CHIP 100	5% 1/10W
R301	1-216-841-11	METAL CHIP 47K	5% 1/10W
R303	1-249-425-11	CARBON 4.7K	5% 1/4W
R304	1-216-821-11	METAL CHIP 1K	5% 1/10W
R311	1-216-809-11	METAL CHIP 100	5% 1/10W
R312	1-216-809-11	METAL CHIP 100	5% 1/10W
R350	1-216-805-11	METAL CHIP 47	5% 1/10W
R360	1-216-833-11	METAL CHIP 10K	5% 1/10W
R361	1-216-833-11	METAL CHIP 10K	5% 1/10W
R362	1-216-841-11	METAL CHIP 47K	5% 1/10W
R363	1-216-821-11	METAL CHIP 1K	5% 1/10W
R364	1-216-829-11	METAL CHIP 4.7K	5% 1/10W
R365	1-216-841-11	METAL CHIP 47K	5% 1/10W
R367	1-216-841-11	METAL CHIP 47K	5% 1/10W
R370	1-216-821-11	METAL CHIP 1K	5% 1/10W
R371	1-216-821-11	METAL CHIP 1K	5% 1/10W
R372	1-216-809-11	METAL CHIP 100	5% 1/10W
R373	1-216-809-11	METAL CHIP 100	5% 1/10W
R374	1-216-809-11	METAL CHIP 100	5% 1/10W
R377	1-249-417-11	CARBON 1K	5% 1/4W
R378	1-249-417-11	CARBON 1K	5% 1/4W
R384	1-216-841-11	METAL CHIP 47K	5% 1/10W
R385	1-216-833-11	METAL CHIP 10K	5% 1/10W
R403	1-216-809-11	METAL CHIP 100	5% 1/10W
R404	1-216-809-11	METAL CHIP 100	5% 1/10W
R405	1-216-835-11	METAL CHIP 15K	5% 1/10W
R406	1-216-821-11	METAL CHIP 1K	5% 1/10W
R411	1-216-821-11	METAL CHIP 1K	5% 1/10W
R412	1-216-821-11	METAL CHIP 1K	5% 1/10W
R413	1-216-849-11	METAL CHIP 220K	5% 1/10W
R414	1-216-849-11	METAL CHIP 220K	5% 1/10W
R502	1-249-401-11	CARBON 47	5% 1/4W
R503	1-216-845-11	METAL CHIP 100K	5% 1/10W
R520	1-216-864-11	SHORT CHIP 0	
R521	1-216-864-11	SHORT CHIP 0	
R522	1-216-864-11	SHORT CHIP 0	
R523	1-414-228-11	INDUCTOR, FERRITE BEAD	
R524	1-469-876-11	INDUCTOR, FERRITE BEAD	
R525	1-414-228-11	INDUCTOR, FERRITE BEAD	
R526	1-469-876-11	INDUCTOR, FERRITE BEAD	
R527	1-469-876-11	INDUCTOR, FERRITE BEAD	
R528	1-414-228-11	INDUCTOR, FERRITE BEAD	
R600	1-216-845-11	METAL CHIP 100K	5% 1/10W
R602	1-216-845-11	METAL CHIP 100K	5% 1/10W
R603	1-216-845-11	METAL CHIP 100K	5% 1/10W (US)
R606	1-216-845-11	METAL CHIP 100K	5% 1/10W (AEP, UK)
R607	1-216-845-11	METAL CHIP 100K	5% 1/10W
R608	1-216-845-11	METAL CHIP 100K	5% 1/10W
R609	1-216-845-11	METAL CHIP 100K	5% 1/10W
R611	1-216-841-11	METAL CHIP 47K	5% 1/10W
R612	1-216-845-11	METAL CHIP 100K	5% 1/10W
R613	1-216-845-11	METAL CHIP 100K	5% 1/10W

Ref. No.	Part No.	Description	Remark
R614	1-216-845-11	METAL CHIP 100K	5% 1/10W
R615	1-216-845-11	METAL CHIP 100K	5% 1/10W
R616	1-216-847-11	METAL CHIP 150K	5% 1/10W
R617	1-216-841-11	METAL CHIP 47K	5% 1/10W
R618	1-216-845-11	METAL CHIP 100K	5% 1/10W
R619	1-216-813-11	METAL CHIP 220	5% 1/10W
R620	1-216-813-11	METAL CHIP 220	5% 1/10W
R621	1-216-864-11	SHORT CHIP 0	
R622	1-216-845-11	METAL CHIP 100K	5% 1/10W
R624	1-218-871-11	METAL CHIP 10K	0.5% 1/10W
R625	1-218-871-11	METAL CHIP 10K	0.5% 1/10W
R626	1-218-871-11	METAL CHIP 10K	0.5% 1/10W
R627	1-216-809-11	METAL CHIP 100	5% 1/10W
R628	1-216-809-11	METAL CHIP 100	5% 1/10W
R629	1-216-809-11	METAL CHIP 100	5% 1/10W
R630	1-216-833-11	METAL CHIP 10K	5% 1/10W
R631	1-216-833-11	METAL CHIP 10K	5% 1/10W
< SWITCH >			
S600	1-786-458-11	SWITCH, PUSH (1 KEY) (NOSE DETECT)	
S601	1-692-431-21	SWITCH, TACTILE (RESET)	
< THERMISTOR >			
TH400	1-803-350-21	THERMISTOR, POSITIVE	
< TUNER UNIT >			
TU10	A-3220-961-A	TUNER UNIT (TUX-032//Q3)	
< VIBRATOR >			
X90	1-579-242-41	VIBRATOR, CRYSTAL (4.332MHz) (AEP, UK)	
X601	1-795-877-11	VIBRATOR, CRYSTAL (27.648MHz)	
X602	1-567-098-41	VIBRATOR, CRYSTAL (32.768kHz)	

MINIATURE JACK BOARD (Included in the mounted MAIN board) *****			
< JACK >			
J370	1-566-822-41	JACK (REMOTE IN)	
< RESISTOR >			
R375	1-216-809-11	METAL CHIP 100	5% 1/10W
