

Pioneer

Service Manual

ORDER NO.
CRT2470

MULTI-CD/MD/DAB CONTROL DSP HIGH POWER MINIDISC PLAYER WITH RDS TUNER

MEH-P9100R EW

● This service manual should be used together with the following manual(s):

Model	Order No.	Mech. Module	Remarks
MEH-P9000R/EW	CRT2384		

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 6)

● Parts marked by "*" and ⊗ can not be supplied.

● PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.	
			MEH-P9000R/EW	MEH-P9100R/EW
	1	Cord Assy	CDE6007	CDE6339
	23-1	Owner's Manual	CRD2947	CRD3232
	23-2	Owner's Manual	CRD2948	CRD3233
	23-3	Owner's Manual	CRD2949	CRD3234
	23-4	Installation Manual	CRD2950	CRD3235
	23-6	Caution Card	CRP1208	Not used
*	23-8	Warranty Card	CRY1087	CRY1157
	24	Carton	CHG3781	CHG4037
	25	Contain Box	CHL3781	CHL4037

EXTERIOR(Page 11)

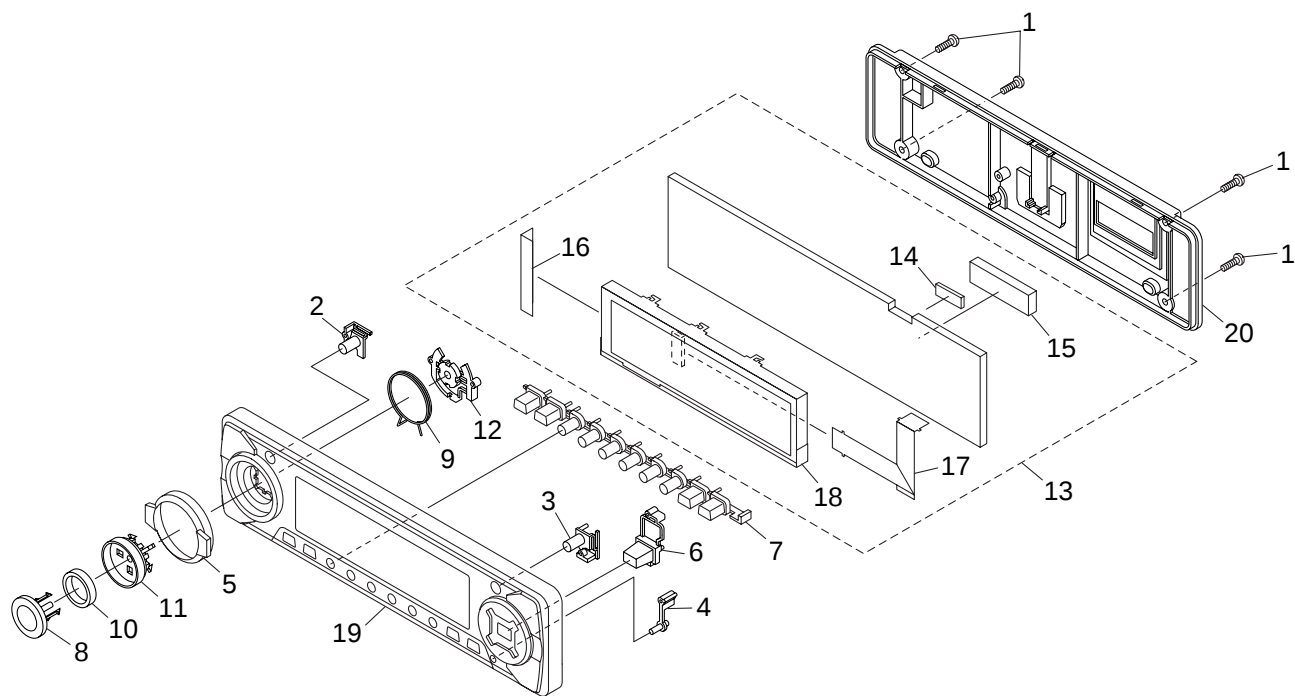
● EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.	
			MEH-P9000R/EW	MEH-P9100R/EW
	5	Cord Assy	CDE6007	CDE6339
	53	Chassis Unit	CXB3561	CXB5729
	54	Panel Assy	CXB3582	CXB5804
	76	PCB	CNP5321	CNP5941
	99	Detach Grille Assy	CXB3296	CXB5461

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PIONEER EUROPE N.V. Haven 1087 Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE.LTD. 253 Alexandra Road, #04-01, Singapore 159936

EXPLODED VIEWS AND PARTS LIST

● DETACH GEILLE ASSY



NOTE:

- Parts marked by “*” are generally unavailable because they are not in our Master Spare Parts List.
- Screws adjacent to ▽ mark on the product are used for disassembly.

● DETACH GRILLE ASSY SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BPZ20P080FZK	11	Lighting Conductor	CNV6214
2	Button(DISP)	CAC6511	12	Lighting Conductor	CNV6215
3	Button(OPEN)	CAC6512	13	Keyboard Unit	CWM7063
4	Button(RESET)	CAC6513	14	Connector(CN1902)	CKS3995
5	Knob	CAC6732	15	Connector(CN1901)	CKS3996
6	Button(BAND)	CAC6515	16	Insulator	CNM6775
7	Button(1-6,etc.)	CAC6725	* 17	PCB	CNP5508
8	Button	CAC6719	18	OEL Unit	MXK8002
9	Spring	CBH2415	19	Grille Unit	CXB5335
10	Cushion	CNM6767	20	Cover Unit	CXB5339

ELECTRICAL PARTS LIST

NOTES:

● Parts whose parts numbers are omitted are subject to being not supplied.

● The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○○J,RS1/○○S○○○J

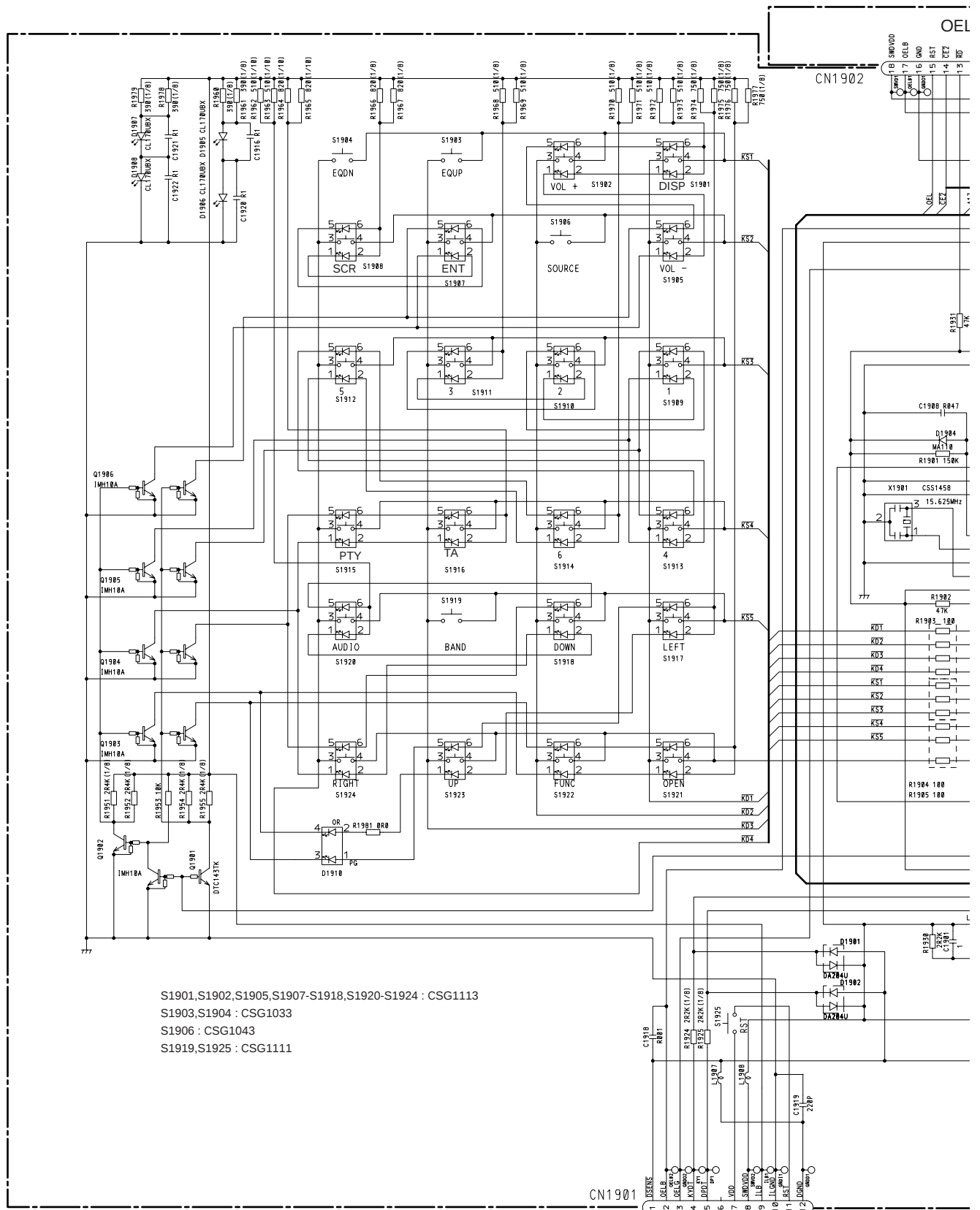
Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

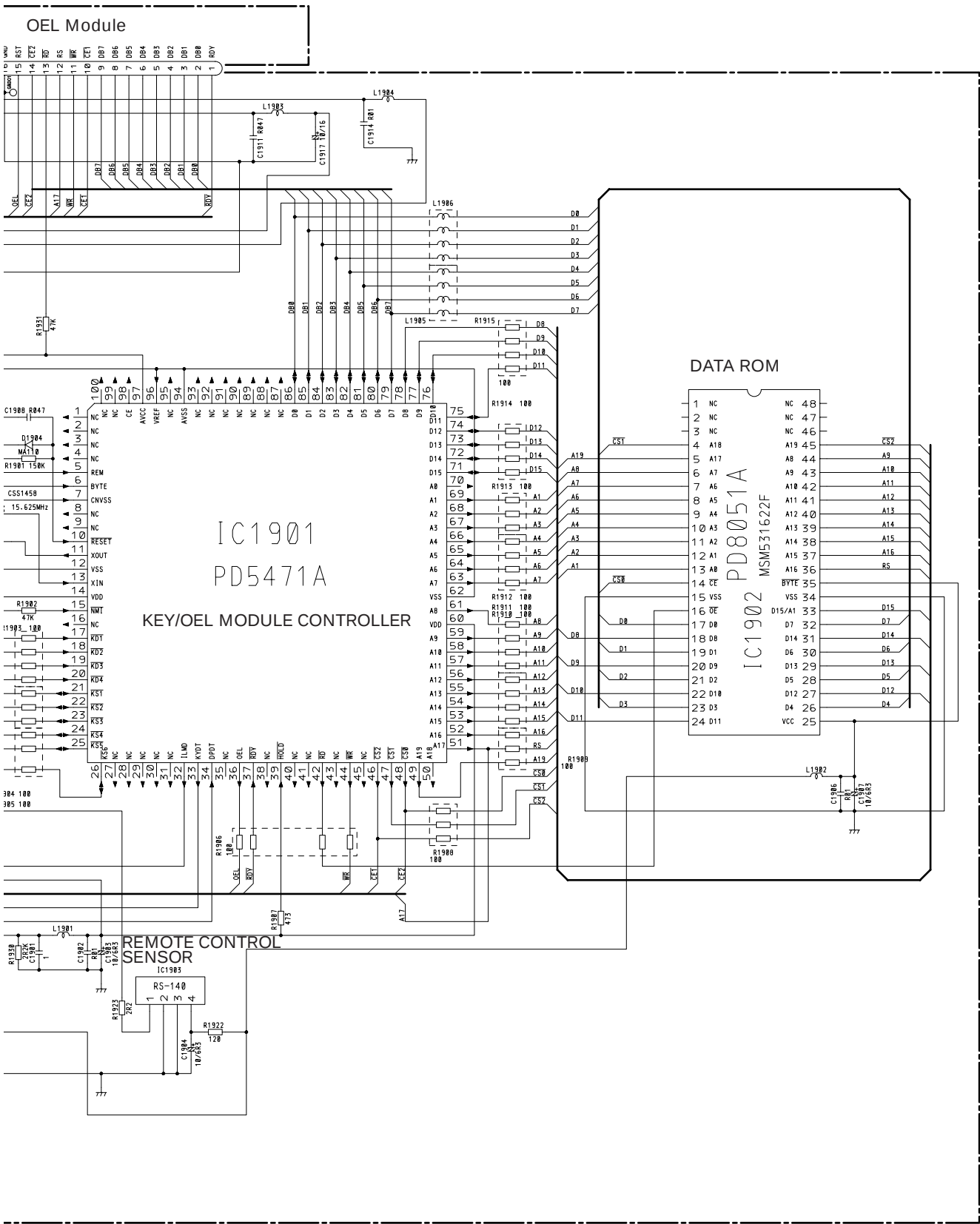
====Circuit Symbol and No.===Part Name		Part No.	====Circuit Symbol and No.===Part Name		Part No.
CF Unit Number : CWM7063			R 1906		RA4C101J
Unit Name : Keyboard Unit			R 1907		RS1/16S473J
			R 1908		RA3C101J
			R 1909		RA3C101J
			R 1910		RA4C101J
MISCELLANEOUS					
IC 1901	IC	PD5471A	R 1911		RA4C101J
IC 1902	IC	PD8051A	R 1912		RA4C101J
IC 1903	HIC Module	RS-140	R 1913		RA3C101J
Q 1901	Transistor	DTC143TK	R 1914		RA4C101J
Q 1902	Transistor	IMH10A	R 1915		RA4C101J
Q 1903	Transistor	IMH10A	R 1922		RS1/10S121J
Q 1904	Transistor	IMH10A	R 1923		RS1/10S2R2J
Q 1905	Transistor	IMH10A	R 1924		RS1/8S222J
Q 1906	Transistor	IMH10A	R 1925		RS1/8S222J
D 1901	Diode Network	DA204U	R 1930		RS1/16S222J
D 1902	Diode Network	DA204U	R 1931		RS1/16S473J
D 1904	Diode	MA110	R 1951		RS1/8S242J
D 1907	LED	CL170UBX	R 1952		RS1/8S242J
D 1908	LED	CL170UBX	R 1953		RS1/10S103J
D 1910	LED	CL155DPGD	R 1954		RS1/8S242J
L 1901	Chip Inductor	LCTA2R2J3225	R 1955		RS1/8S242J
L 1902	Chip Inductor	LCTA2R2J3225	R 1962		RS1/10S511J
L 1903	Inductor	CTF1484	R 1963		RS1/10S511J
L 1904	Inductor	LCTA220J2520	R 1964		RS1/10S821J
L 1905	Inductor Ary	CTF1421	R 1965		RS1/10S821J
L 1906	Inductor Ary	CTF1421	R 1966		RS1/8S821J
L 1907	Inductor	CTF1295	R 1967		RS1/8S821J
L 1908	Inductor	CTF1295	R 1968		RS1/8S511J
X 1901	Ceramic Resonator 15.62MHz	CSS1458	R 1969		RS1/8S511J
S 1901	Push Switch	CSG1113	R 1970		RS1/8S511J
S 1902	Push Switch	CSG1113	R 1971		RS1/8S511J
S 1903	Spring Switch	CSN1033	R 1972		RS1/8S511J
S 1904	Spring Switch	CSN1033	R 1973		RS1/8S511J
S 1905	Push Switch	CSG1113	R 1974		RS1/8S511J
S 1906	Switch	CSG1043	R 1975		RS1/8S511J
S 1907	Push Switch	CSG1113	R 1976		RS1/8S751J
S 1908	Push Switch	CSG1113	R 1977		RS1/8S751J
S 1909	Push Switch	CSG1113	R 1978		RS1/8S391J
S 1910	Push Switch	CSG1113	R 1979		RS1/8S391J
S 1911	Push Switch	CSG1113	R 1981		RS1/16S0R0J
S 1912	Push Switch	CSG1113	CAPACITORS		
S 1913	Push Switch	CSG1113	C 1901		CKSQYB105K10
S 1914	Push Switch	CSG1113	C 1902		CKSRYB103K25
S 1915	Push Switch	CSG1113	C 1903		CSZS100M6R3
S 1916	Push Switch	CSG1113	C 1904		CSZS100M6R3
S 1917	Push Switch	CSG1113	C 1906		CKSQYB103K25
S 1918	Push Switch	CSG1113	C 1907		CSZS100M6R3
S 1919	Push Switch	CSG1111	C 1908		CKSRYB473K16
S 1920	Push Switch	CSG1113	C 1911		CKSRYB473K16
S 1921	Push Switch	CSG1113	C 1914		CKSRYB103K25
S 1922	Push Switch	CSG1113	C 1917		CSZSR100M16
S 1923	Push Switch	CSG1113	C 1918		CKSRYB102K50
S 1924	Push Switch	CSG1113	C 1919		CCSQCH221J50
S 1925	Push Switch	CSG1111	C 1921		CKSQYB104K25
RESISTORS			C 1922		CKSQYB104K25
R 1901		RS1/16S154J			
R 1902		RS1/16S473J			
R 1903		RA4C101J			
R 1904		RA3C101J			
R 1905		RA3C101J			

SCHEMATIC DIAGRAM
KEYBOARD UNIT

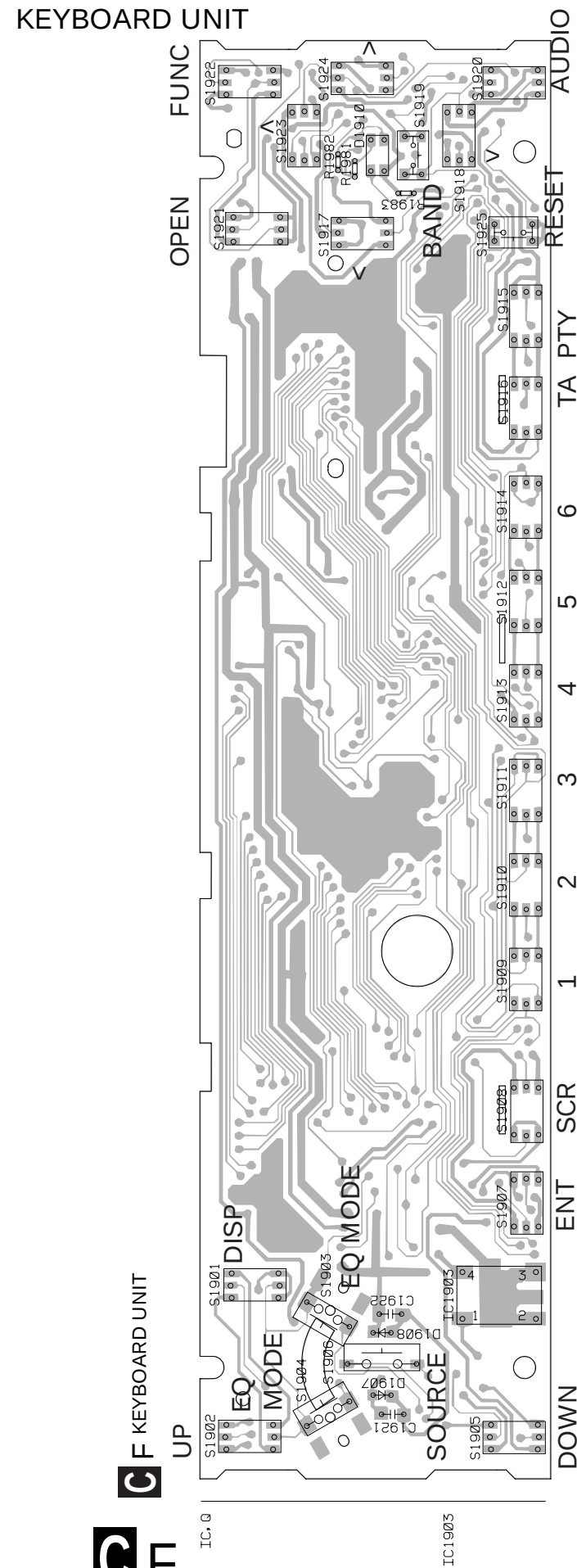
C F KEYBOARD UNIT



A F CN801



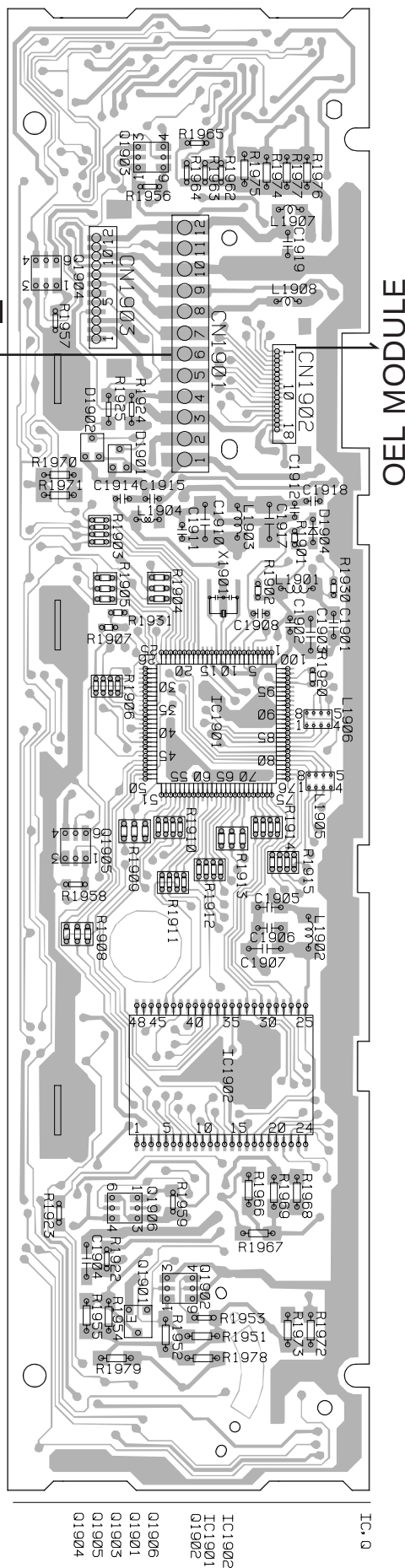
MEH-P9100R
PCB CONNECTION DIAGRAM
KEYBOARD UNIT



SIDE A

SIDE B

C F KEYBOARD UNIT



SIDE A

SIDE B

C F KEYBOARD UNIT