DJ-C1/C4

Service Manual

CONTENTS

SPECIFICATIONS

	DJ-C1		DJ-C4		
Version	T	E	T	E	C
Receptionrange(MHz)	118.000~173.995	144.000~145.995	420.000~449.995	430.000~439.995	433.05~434.79
Transmission range (MHz)	144.000~147.995	144.000~145.995	420.000~449.995	430.000~439.995	433.05~434.79
Signal type	F3E(FM)				
Operating temperature	Transceiver: -10~+50*C Charger:0-40oC				
Rated voltage	3.7V				
Power consumption	Transmission : Approx.240mA Reception : Approx.30mA (Rx squelched)		Transmission : Approx.300mA Reception : Approx.40mA (Rx squelched)		Approx.180mA Approx.40mA (Rx squelched)
Ground	Negative				
Microphone input impedance	Approx.2k ohm				
Dimensions (Without projections)	94(H) x 56(W) x 10.6 (D)				
Weight(With battery)	75g				
Transmitter					
Power output			300mW		10mW
Modulation system	Reactance modulation				
Max.frequency deviation	+/- 5kHz				
Spurious emission			Max.-60dB		Typ.-50dB
Receiver					
Receiving system	Double conversion superheterodyne				
1stintermediate frequency	21.7MHz	20.8MHz	21.7MHz		
2nd intermediate frequency	450kHz				
Sensitivity	Better than -16dBu		Better than -15dBu		
AF power output	20mW(32ohm)				

DJ-C1 CIRCUIT DESCRIPTION

1) Reception

1. Front End   The signal picked up by the antenna is passed through a low-pass filter and band-pass filter, and amplified by an RF amplifier (Q207). It is then passed through another low-pass filter and sent to the mixer (Q209).

2. Mixer   The mixer (Q209) creates the sum and difference of the received signal and the first local signal The crystal filtter (XF201) selects the 21.7 MHz signal and eliminates adjacent signals. The first IF amplifier (Q210) then amplifies the selected signal. The upper side local signal is used as the first local signal It is obtained by passing the signal from the VCO through two buffer amplifiers (Q204 and Q208) and into the base of the mixer (Q209).

3.IF   The signal amplified by the first IF amplifier (Q210) is input to pin 16 of the demodulator circuit (IC207). A second local signal of 21 ,25 MHz is oscillated by the crystal(X201) and IC202, and is input to pin 1 of the IC207. These two signals are mixed by the demodulator's internal mixer and converted to a 450 kHz second IF signal. The converted second IF signal is output from pin 3 of IC207 to a ceramic filter (FL201) where adjacent signals are eliminated. The resulting signal is then sent back to pin 5 of IC207.

[FM]
The second IF signal input to pin 5 of IC207 is demodulated by the internal limiter amplifier and quadrature detection circuit. It is then output as an audio signal from pin 9.

[AM]
For AM, the S-meter output from pin 12 of IC207 is amplified by the AM audio amplifier (Q220). Also, the AGC amplifier (Q221) forward-controls gain of the first IF amplifier (Q210) in order that the correct audio signal is obtained even when the input signal changes.

4. Squelch   The squelch takes white noise from pin 9 of IC207 and inputs into pin 8 of IC207. The noise passes through an internal noise filtter amplifier and rectifier circuit, and is output from pin 14. The rectified voltage is input to the A/D port of the microcomputer (IC101). The microcomputer turns audio output ON/OFF based on this voltage:

5. Audio — Audio output is switched between AM and FM by IC209. Volume is controlled by Q222 and Q223. The signal is input to pin 2 of the audio power amplifier (IC208) and output from pin 6, thus producing sound from the earphones, etc.

6. VCO — The VCO is built on a Colpits oscillator. Frequency is determined by D203, D207 and L214, and the signal is oscillated by a transistor (Q203). The oscillated signal is passed through a buffer amplifier (Q204) and input to pin 6 of a PLL circuit (IC204).

7. PLL Circuit — The PLL circuit (IC204) is used to control the frequency oscillated by the VCO. Control uses the serial control signal from the microcomputer (IC101). The reference frequency that IC204 uses is oscillated to 21.25 MHz by IC202 in the crystal oscillator (X201) and input to pin 1 of the IC204.
The IC204 divides the control signal sent to bin 6 from IC101 and the 21.25 MHz reference signal internally, and compares phases between the two. If a difference is detected in the comparison, the charge pump in pin 9 outputs a pulse signal. The pulse is converted to DC voltage by the PLL loop filter and input to the cathode of the VCO varicaps (D203 and D207) in order to eliminate the difference. This enables stable oscillation at the desired frequency.

2) Transmission
1. Microphone Amplifier
The microphone amplifier (IC205) has two operating amplifiers. Sound is converted to an electric signal and input to IC205. The input signal is amplified for pre-emphasis and then output. The output signal is regulated for maximum frequency deviation by VR202 and input to the cathode of the modulation varicap (D206) of the VCO, thereby generating an FM signal by capicitance change.

2. Power Amplifier — The signal oscillated by the VCO is passed through two buffer amplifiers (Q204 and Q218) and an exciter (Q206), and is then input to a power amplifier (Q205). The signal from the power amplifier is passed through a low-pass filter to attenuate harmonic components and is then supplied to the matching circuit and antenna.

DJ-C4 CIRCUIT DESCRIPTION

1) Reception

1. Front End

The signal picked up by the antenna is passed through a how-pass filter and amplified by an RF amplifier (Q207). It is then passed through a band-pass filter, reamprlfied by Q209 and sent to the mixer (Q223).

2. Mixer

The mixer (Q223) creates the sum and difference of the received signal and the first local signal. The crystal filter (XF201) selects the 21.7 MHz signal and eliminates all other adjacent signals. The first IF amplifier (Q210) then amplifies the selected signal. The lower side local signal (439.000 ~ 439.995 MHz only upper side) is used as the first local signal It is obtained by passing the signal from the VCO through two buffer amplifiers (Q204 and Q208) and into the base of the mixer (Q223).

3. IF

The signal amplified by the first IF amplifier (Q210) is input to pin 16 of the demodulator circuit (IC206). A second local signal of 21.25 MHz is oscillated by the crystal(X201) and IC202, and is input to pin 1 of the IC206. These two signals are mixed by the demodulator's internal mixer and converted to a 450 kHz second IF signal. The converted second IF signal is output from pin 3 of IC206 to a ceramic filter (FL202) where adjacent signals are eliminated. The resulting signal is then sent back to pin 5 of IC206. The second IF signal input to pin 5 of IC206 is demodulated by the internal limiter amplifier and quadrature detection circuit. It is then output as an audio signal from pin 9.

4. Squelch

The squelch takes white noise from pin 9 of IC206 and inputs into pin 8 of IC206. The noise passes through an internal noise filter amplifier and rectifier circuit, and is output from pin l4. The rectified voltage is input to the A/D port of the microcomputer (IC101). The microcomputer turns audio output ON/OFF based on this voltage.

5. Audio

Audio output is switched ON/OFF by Q219. Volume is controlled by Q224 and Q225. The signal is input to pin 2 of the audio power amplifier (IC208) and output from pin 6, thus producing sound from the earphones, etc.

7. PLL Circuit   The PLL circuit (IC204) is used to control the frequency oscillated by the VCO. Control uses the serial control signal from the microcomputer (IC101). The reference frequency that IC204 uses is oscillated to 21.25 MHz by IC202 in the crystal oscillator (X201) and input to pin 1 of the IC204. The IC204 divides the control signal sent to pin 6 from IC101 and the 21.25 MHz reference signal internally, and compares phases between the two. If a difference is detected in the comparison, the charge pump in pin 9 outputs a pulse signal. The pulse is converted to DC voltage by the PLL loop filter and input to the cathode of the VCO varicaps (D203 and D205) in order to eliminate the difference. This enables stable oscillation at the desired frequency.

2) Transmission
 1. Microphone Amplifier
    The microphone amplifier (IC205) has two operating amplifiers. Sound is converted to an electric signal and input to IC205. The input signal is amplified for pre-emphasis and then output. The output signal is regulated for maximum frequency deviation by VR202 and input to the cathode of the demodulation varicap (D206) of the VCO, thereby generating an FM signal by capacitance change.

2. Power Amplifier
    The signal oscillated by the VCO is passed through two buffer amplifiers (Q205 and Q222) and an exciter (Q204), and is then input to a power amplifier (Q206). The signal from the power amplifier is passed through a low-pass filter to attenuate harmonic components and is then supplied to the matching circuit and antenna.

3) CPU Terminal Functions: M38224M4HP (XA0535)

M38223M4-XXXHP
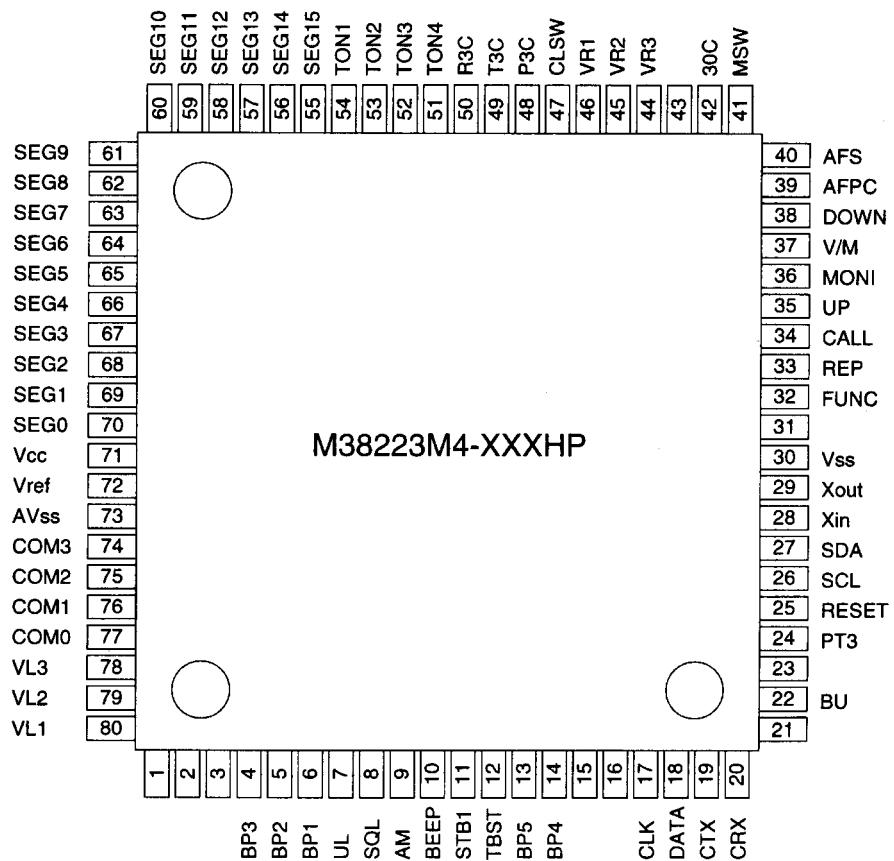
No.	Signal	I/O	Function	H	L
1					
2					
3					
4	BP3	I	Band plan3 (analog input)		
5	BP2	I	Band plan2 (analog input)		
6	BP1	I	Band plan1 (analog input)		
7	UL	I	PLL unlock sinal input (analog input)	UNLOCK	
8	SQL	I	Noise level input for squelch (analog input)		SQL ON
9	AM	O	AM power for short wave (DJ-C1)		AM ON
10	BEEP	O	Beep tone output		
11	STB1	O	Strobe for PLL		
12	TBST	O	Tone burst output		
13	BP5	I	Band plan5		
14	BP4	I	Band plan4		
15					
16					
17	CLK	O	Serial clock output for PLL		
18	DATA	O	Serial data output for PLL		
19	CTX	O	Clone data transmission output		
20	CRX	I	Clone data reception input		

No.	Signal	I/O	Function	H	L
21					
22	BU	I	Backup sinal detection input		BACKUP
23					
24	PT3	I	PTT key input		
25	RESET	I	Reset Sinal input	RESET	
26	SCL	O	Serial clock for EEPROM		
27	SDA	I/O	Serial data for EEPROM		
28	Xin	I	Mainc lock input		
29	Xout	I	Mainc lock output		
30	Vss	I	CPU GND		
31					
32	FUNC	I	FUNC KEY input		ON
33	REP	I	REP KEY input		ON
34	CALL	I	CALL KEY input		ON
35	UP	I	UP KEY input		ON
36	MONI	I	MONI KEY input		ON
37	V/M	I	VFO/MR KEY input		ON
38	DOWN	I	DOWN KEY input		ON
39	AFPC	O	Audio power amprlfier switch	ON	
40	AFS	O	AF mute switch	MUTE	
No.	Name	I/O	Function	H	L
41	MSW	O	Microphone mute switch		MUTE
42	30C	O	3V power switch	ON	
43					
44	VR3	O	Volume leve13		
45	VR2	O	Volume level2		
46	VR1	O	Volume levell		
47	CLSW	O	Clone switch	CLONE	
48	P3C	O	PLL power switch .		ON
49	T3C	O	TX power switch		ON
50	R3C	O	145 M band power switch (DJ-C1)		ON
	43C		430 M band power switch DJ-C4		ON
51	TON4	O	Tone output 4		
52	TON3	O	Tone output 3		
53	TON2	O	Tone output 2		
54	TONI	O	Tone output 1		
55	SEG15	O	LCD SEG15		
56	SEGI4	O	LCD SEG14		
57	SEG13	O	LCD SEG13		
58	SEG12	O	LCD SEG12		
59	SEG11	O	LCD SEG11		
60	SEG10	O	LCD SEG10		
61	SEG9	O	LCD SEG9		
62	SEG8	O	LCD SEG8		
63	SEG7	O	LCD SEG7		
64	SEG6	O	LCD SEG6		
65	SEG5	O	LCD SEG5		
66	SEG4	O	LCD SEG4		
67	SEG3	O	LCD SEG3		
68	SEG2	O	LCD SEG2		
69	SEG1	O	LCD SEG1		
70	SEG0	O	LCD SEG0		
71	Vcc	I	Power supply termina 13V		
72	Vref	I	A/D reference level 3V		
73	AVss	I	CPU A/D GND		
74	COM3	O	LCD COM3		
75	COM2	O	LCD COM2		
76	COM1	O	LCD COM1		
77	COM0	O	LCD COM0		
78	VL3	I	LCD power		
79	VL2	I	LCD power		
80	VL1	I	LCD power		

SEMICONDUCTOR DATA

1) TC4W53FU (XA0348)

Pin Assignment

COMMON	1	○	8	VDD
INH	2		7	ch 0
VEE	3		6	ch 1
VSS	4		5	A
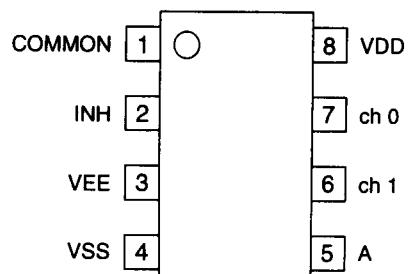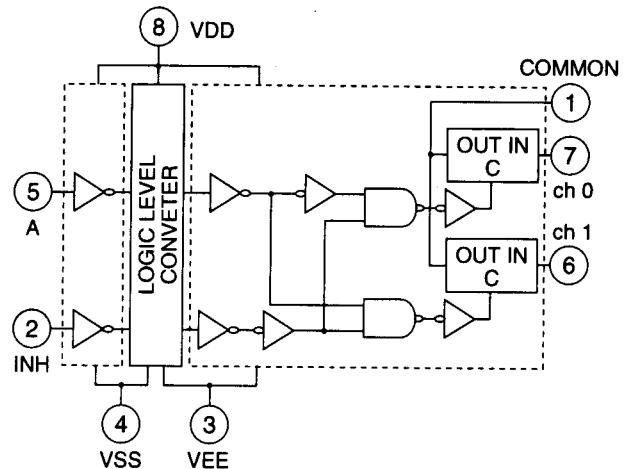
Block Diagram

2) BA4510FV (XA0537)

Pin Assignment

Out 1	1	○	8	VCC
−IN 1	2		7	Out 2
+IN 1	3		6	−IN 2
VEE	4		5	+IN 2
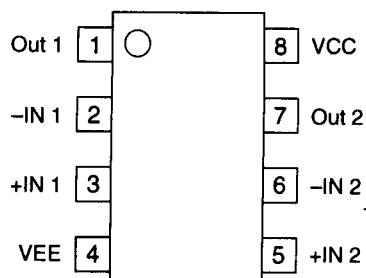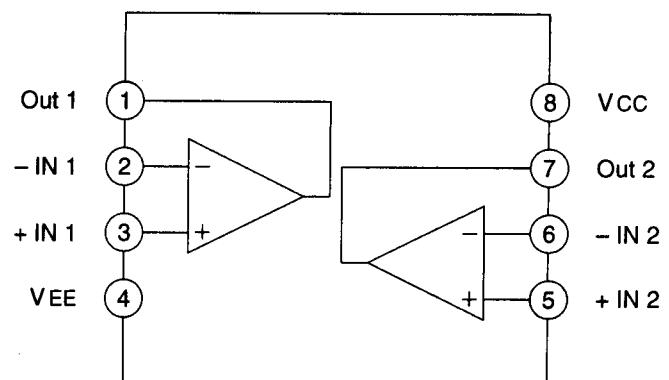
Block Diagram

3) S-80730SL-AT (XA0356)

Pin Assignment

OUT	1	5	NC
VDD	2		
VSS	3	4	NC

Block Diagram

VDD ②

VSS ③

① OUT
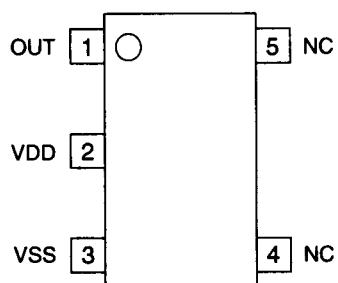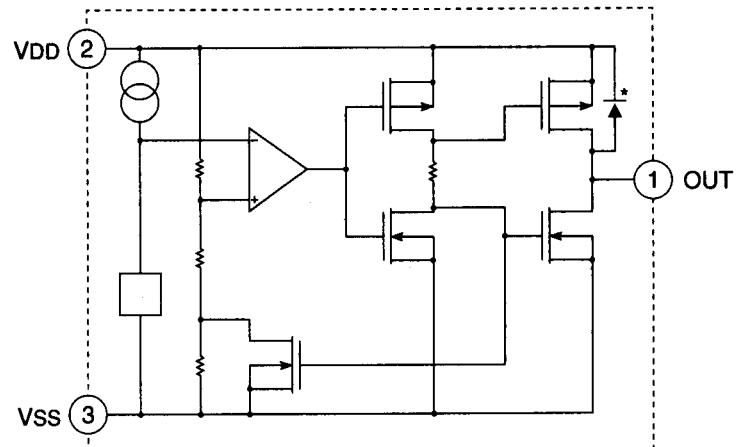
4) NJM2070M (XA0210)

Low Voltage Power Amplifier

Block Diagram

NC	1		8	NC
+INPUT	2	BIAS	7	V+
–INPUT	3		6	OUTPUT
GND	4		5	POWER GND

300Ω 50kΩ 100kΩ

10
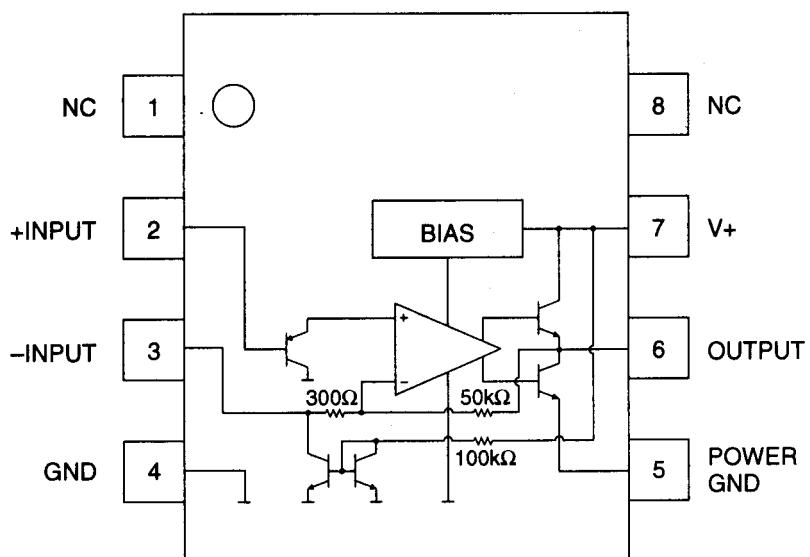
5) XC62SPR332MR (XA0519)

Pin Assignment

NC	1	5	VOUT
VIN	2		
STB	3	4	VSS

Block Diagram

VIN ○

VOUT ○

Short circuit protection

Output control

Regulated voltage

STB ○

VSS ○
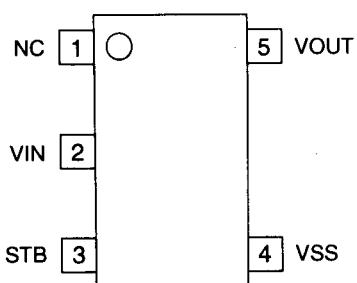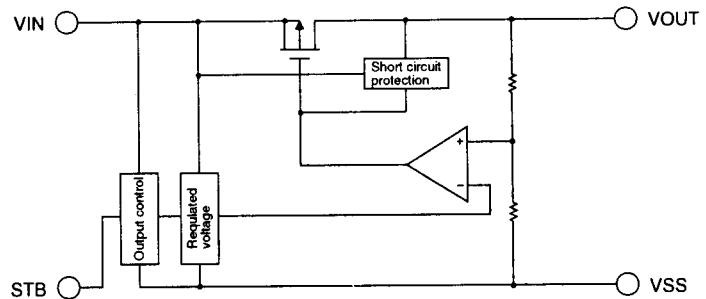
6) LV2105 (XA0520)

Pin Assignment

XIN	1	16	XOUT
CL	2	15	OUT
DI	3	14	PE
CE	4	13	VCCD
VCCR	5	12	GNDD
PI	6	11	PDN
GNDR	7	10	PDP
TEST	8	9	CP

Block Diagram

OUT ⑮

XIN ①
XOUT ⑯

Reference Divider 12bit

Latch 1

Phase Detector

Charg Pump

⑨ CP

⑩ PDP

⑪ PDN

⑭ PE

PI ⑥
VCCR ⑤
GNDR ⑦

64/65 2-Modulus Prescaler

Programable Divider 17bit

Latch 2

CL ②
DI ③
CE ④

CCB I/F

Shift Register

⑧ TEST

⑬ VCCD ⑫ GNDD
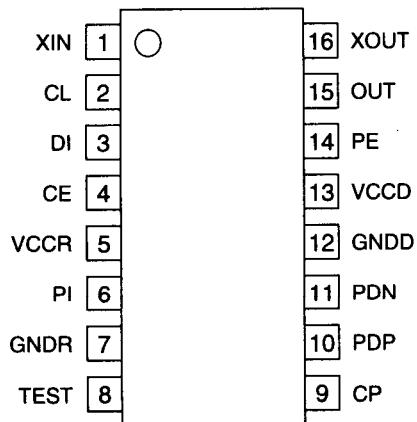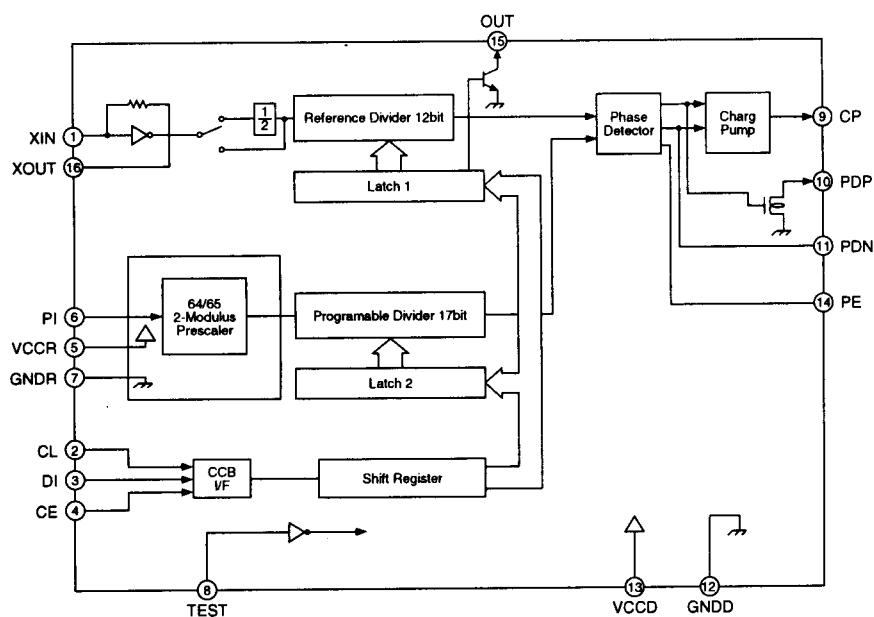
7) BA4116FV (XA0521)

Pin Assignment

OSC IN	1	16	MIX IN
OSC OUT	2	15	GND
MIX OUT	3	14	N-REC
VCC	4	13	N-DET
IF IN	5	12	RSSI OUT
IF DEC	6	11	IF OUT
FILTER OUT	7	10	QUAD
FILTER IN	8	9	AF OUT
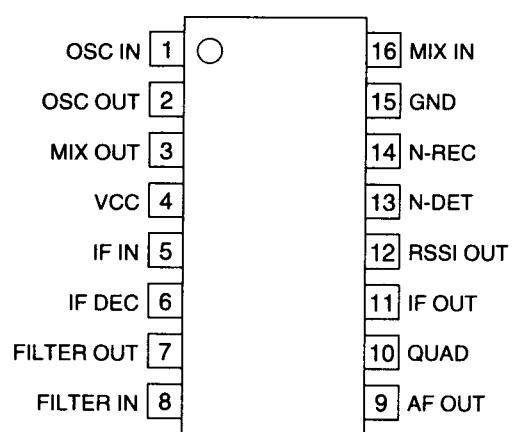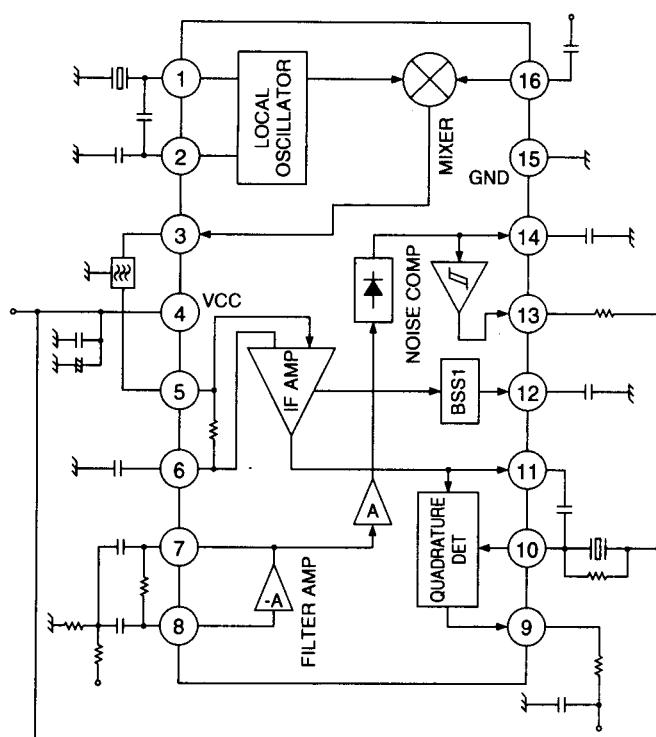
Block Diagram

8) 24LC02BT-I (XA0522)
EEPROM

SO Package

```
      ┌───○──────┐
A0 ───┤          ├─── VCC
      │ 24LC01B  │
A1 ───┤ 24LC02B  ├─── WP
      │ 24LC04B  │
A2 ───┤ 24LC08B  ├─── SCL
      │ 24LC16B  │
VSS ──┤          ├─── SDA
      └──────────┘
```
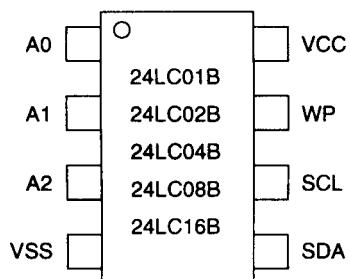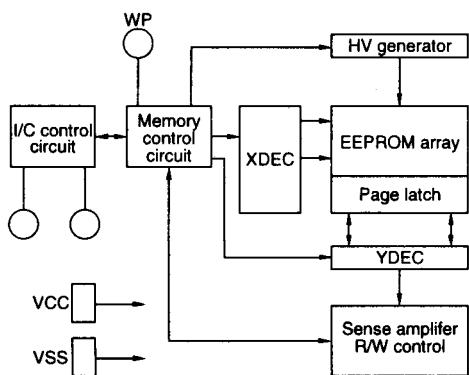
Block Diagram

9) TC7SU04FU (XA0523)
Pin Assignment

```
NC  ┌1│        │5┐ VCC
    │             │
IN A│2│  ▷○────┐ │
    │          │ │
GND │3│        └─│4│ OUT Y
    └────────────┘
```
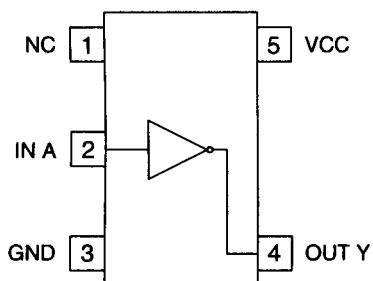
10) TC7S66FU (XA0524)

Pin Assignment

```
IN/OUT  [1]          [5]  VCC

OUT/IN  [2]

GND     [3]          [4]  CONT
```
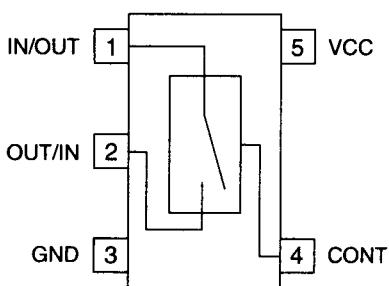
11) XC61AC2902MR (XA0533)

Pin Assignment

```
VIN   [1]  ○

                [3]  VOUT

VSS   [2]
```

Block Diagram

VIN

Vref

VOUT

VSS
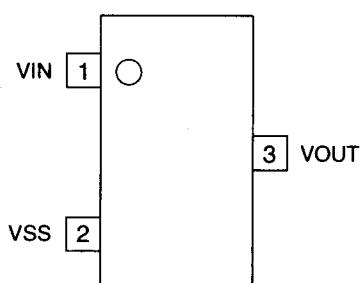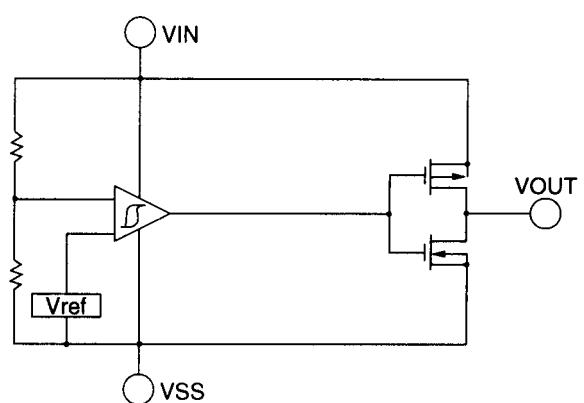
12) XC62FP2802MR (XA0539)

Pin Assignment

```
VOUT  [1]  ○

                [3]  VSS

VIN   [2]
```

Block Diagram

VOUT

Short circuit protection

Regulated voltage

VSS

VIN
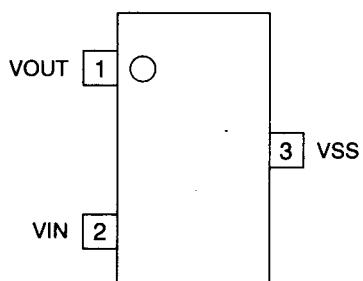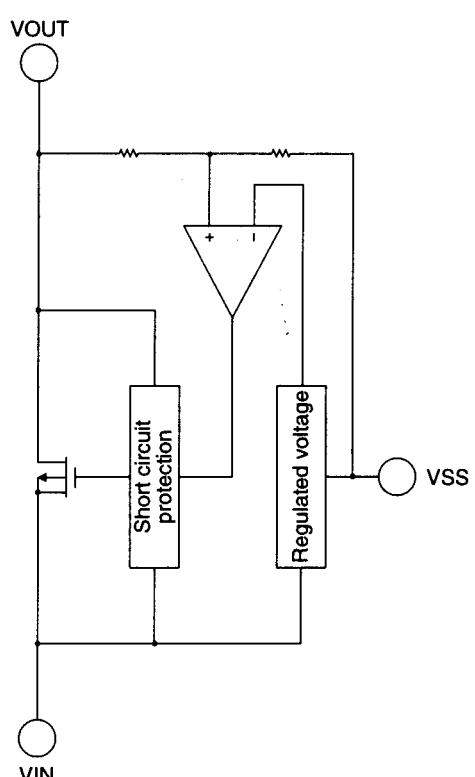
13) Transistor, Diode and LED Outline Drawings

1SS356	MA2S728	MA2S304	MA2S376	UDZ 3.6B	DAN235U
XD0272	XD0315	XD0312	XD0316	XD0156	XD0246
	B	K	H	62	M

2SC4649	2SD2216R	2SC5066	2SC3356R24	2SC3356R25	UN9111
XT0108	XT0135	XT0138	XT0119	XT0142	XU0062
C	C	C	C	C	C
J N	Y R	M 1	R 2 4	R 2 5	6 A
B E	B E	B E	B E	B E	B E

UN9216	DTB114GK	2SJ144Y	UMC3	UMC5	XP1501
XU0099	XU0187	XE0019	XU0047	XU0152	XU0172
C	C	G	C1/B2 C2	C1/B2 C2	C1 C2
8 F R	L 1 4	V Y	C 3	C 5	5 R
B E	B E	S D	E1 B1 E2	E1 B1 E2	B1 E B2

MA741WK	LN28WP
XD0252	XL0054
M2R	

UN9211	UN911H
XU0063	XU0092
C	C
8 A	6 R
B E	B E

XP1216	MRF9745
XU0177	XE0034
C1 C2	D
9 N	G 9745 G
B1 E B2	S

14) LCD Diagram

LCD Pin Table

LCD PIN TABLE			
NO.	COM 0	COM 1	COM 2	COM 3
1	COM 0	--	--	--
2	--	COM 1	--	--
3	--	--	COM 2	--
4	--	--	--	COM 3
5	6F	6G	6E	S1
6	6A	6B	6C	6D
7	7F	7G	7E	S2
8	7A	7B	7C	7D
9	1F	1G	1E	
10	1A	1B	1C	1D
11	2F	2G	2E	S5
12	2A	2B	2C	2D
13	3F	3G	3E	S6
14	3A	3B	3C	3D
15	4F	4G	4E	P1
16	4A	4B	4C	4D
17	5F	5G	5E	P2
18	5A	5B	5C	5D
19	S7	S8	S9	S10
20	S3	S4	S11	

EXPLODED VIEW

EXPLODED VIEW

1) Front View

AE0022

DJ-CIT,CIE,CIEA
DK0127
DJ-C4,C4K,C4T,C4E,C4EA,C4C
DK0123

AE0022

17

2) Rear View

Thermo-pressure bonding to
board at 190~200℃ 20kg

EL0040

YX0004

FP0118

KM0213A

FP0117

FP0120
FM0144

FP0116

FM0144

XL0054

FG0138

FG0234

AF0010

AE0022

EA61

AE0022

AE0022

FM0144

ED0008

UY0004

FP0115

KB0067A

PARTS LIST (DJ-C1)

Ref.No.	Parts N0.	Parts Name	T	E	EA	side
		CPU Unit				
C101	CU3047	C1608JB1H103KTA	1	1	1	A
C102	CU3047	C1608JB1H103KTA	1	1	1	A
C103	CS0398	TMCP0J225MTR	1	1	1	A
C104	CU3017	C1608CH1H330JTA	1	1	1	A
C105	CU3017	C1608CH1H330JTA	1	1	1	A
CN101	UE0319	DF12A-30DSJ0.5V(81)	1	1	1	A
D102	XD0315	MA2S728-TX	1	1	1	A
EL101	EL0040	LCD DJC1	1	1	1	H
IC101	XA0535	M38223M4-422HP	1	1	1	A
IC102	XA0356	S-80730SL-AT-T1	1	1	1	A
R101	RK3042	ERJ3GSYJ222V	1	1	1	A
R102	RK3058	ERJ3GSYJ473V	1	1	1	A
R103	RK3058	ERJ3GSYJ473V	1	1	1	A
R104	RK3056	ERJ3GSYJ333V	0	1	1	A
R105	RK3056	ERJ3GSYJ333V	0	1	1	A
R106	RK3056	ERJ3GSYJ333V	0	1	1	A
R107	RK3058	ERJ3GSYJ473V	1	1	1	A
R108	RK3056	ERJ3GSYJ333V	1	0	0	A
R109	RK3052	ERJ3GSYJ153V	0	0	0	A
R109	RK3056	ERJ3GSYJ333V	1	0	0	A
R110	RK3052	ERJ3GSYJ153V	0	0	0	A
R110	RK3056	ERJ3GSYJ333V	1	0	0	A
R111	RK3046	ERJ3GSYJ472V	1	1	1	A
R114	RK3038	ERJ3GSYJ102V	1	1	1	A
R115	RK3062	ERJ3GSYJ104V	1	1	1	A
R116	RK3062	ERJ3GSYJ104V	1	1	1	A
R117	RK3074	ERJ3GSYJ105V	1	1	1	A
R118	RK3026	ERJ3GSYJ101V	1	1	1	A
R119	RK3038	ERJ3GSYJ102V	1	1	1	A
R120	RK3038	ERJ3GSYJ102V	1	1	1	A
R121	RK3018	ERJ3GSYJ220V	1	1	1	A
RA102	RA0011	EXBV8V103JV	1	1	1	A
RA103	RA0010	EXBV8V472JV	1	1	1	A
RA104	RA0009	EXBV8V102JV	1	1	1	A
RA105	RA0008	EXBV4V102JV	1	1	1	A
RA106	RA0009	EXBV8V102JV	1	1	1	A
RA107	RA0008	EXBV4V102JV	1	1	1	A
RA108	RA0008	EXBV4V102JV	1	1	1	A
RA109	RA0009	EXBV8V102JV	1	1	1	A
RA110	RA0009	EXBV8V102JV	1	1	1	A
RA111	RA0008	EXBV4V102JV	1	1	1	A
RA112	RA0008	EXBV4V102JV	1	1	1	A
RA113	RA0008	EXBV4V102JV	1	1	1	A
X101	XQ0077	38C_3.686400MHZ	1	1	1	H
	YX0004	TAPE	1	1	1	H
		Mechanical Parts				
	AE0022	Screw(FTH/M1.7+3 FEB.N)	9	9	9	9
	AF0010	Screw(0PH M2+4 FE/N3)	1	1	1	1
	DK0122	Front Panel(for DJC1)	1	0	0	0
	DK0127	Front Panel(for DJC1T)	0	1	1	1
	EA0061	Antenna	1	1	1	1
	ED0008	Ions of Lithium	1	1	1	1
	FG0138	Stick Rubber	1	1	1	1
	FG0234Y	MIC Hokler	1	1	1	1
	FM0144	Frame	3	3	3	3
	FP0115	Chassis	1	1	1	1
	FP0116	Power Switch	1	1	1	1
	FP0117	PTT Switch	1	1	1	1
	FP0118	LCD Holder	1	1	1	1
	FP0120	Switch Cover	1	1	1	1
	KB0067A	Rear Case	1	1	1	1
	KM0213A	Front Case	1	1	1	1
	UY0004	1MSA-9215H-GF	1	1	1	1
	YX0004	TAPE	1	1	1	H
		Main Unit				
C201	CS0394	TMCMB0J476MTR	1	1	1	A
C202	CS0394	TMCMB0J476MTR	1	1	1	A
C203	CU3031	C1608JB1H471KTA	1	1	1	B
C204	CS0376	TNCMA0G226MTR	1	1	1	B
C205	CU3035	C1608JB1H102KTA	1	1	1	B
C206	CU3035	C1608JB1H102KTA	1	1	1	B
C207	CU3035	C1608JB1H102KTA	1	1	1	A
C208	CU3035	C1608JB1H102KTA	1	1	1	A
C209	CU3031	C1608JB1H471KTA	1	1	1	B
C210	CU3021	C1608CH1H680JTA	1	1	1	B
C211	CU3031	C1608JB1H471KTA	1	1	1	B
C212	CU3035	C1608JB1H102KTA	1	1	1	B
C213	CS0367	TMCMA0J106MTR	1	1	1	A
C214	CS0367	TMCMA0J106MTR	1	1	1	B
C215	CU3035	C1608JB1H102KTA	1	1	1	B
C216	CU3031	C1608JB1H471KTA	1	1	1	B
C217	CS0367	TMCMA0J106MTR	1	1	1	B
C218	CU3010	C1608CH1H090CTA	1	1	1	B
C219	CU3010	C1608CH1H090CTA	1	1	1	B
C220	CU3002	C1608CH1H010CTA	1	1	1	B
C221	CU3004	C1608CH1H03CCTA	1	1	1	B
C222	CU3031	C1608JB1H471KTA	1	1	1	B
C223	CU3011	C1608CH1H100CTA	1	1	1	B
C224	CU3035	C1608JB1H102KTA	1	1	1	B
C225	CU3019	C1608CH1H470JTA	1	1	1	B
C226	CU3014	C1608CH1H180JTA	1	1	1	B
C227	CU3011	C1608CH1H100CTA	1	1	1	B
C228	CU3019	C1608CH1H470JTA	1	1	1	B
C229	CU3023	C1608CH1H101JTA	1	1	1	A
C231	CU3013	C1608CH1H150JTA	1	1	1	A
C232	CU3013	C1608CH1H150JTA	1	1	1	A
C233	CU3008	C1608CH1H070CTA	1	1	1	A
C234	CU3017	C1608CH1H330JTA	1	1	1	B
C237	CU3011	C1608CH1H100CTA	1	1	1	A
C238	CU3020	C1608CH1H560JTA	1	1	1	B
C240	CU3029	C1608JB1H331KTA	1	1		B
C241	CU3006	C1608CH1H050CTA	1	1	1	A
C242	CS0394	TMCMB0J476MTR	1	1	1	A
C243	CU3035	C1608JB1H102KTA	1	1	1	B
C244	CU3047	C1608JB1H103KTA	1	1	1	B
C245	CU3035	C1608JB1H102KTA	1	1	1	A
C246	CS0378	TMCMC0G107MTR	1	1	1	B
C247	CU3015	C1608CH1H220JTA	1	1	1	A
C248	CU3014	C1608CH1H180JTA	1	1	1	A
C250	CU3111	C1608JB1C104M	1	1	1	A
C251	CU3019	C1608CH1H470JTA	1	1	1	B
C252	CU3015	C1608CH1H220JTA	1	1	1	B
C253	CU3012	C1608CH1H120JTA	1	1	1	B
C254	CU3019	C1608CH1H470JTA	1	1	1	B
C255	CU3021	C1608CH1H680JTA	1	1	1	B
C256	CU3031	C1608JB1H471KTA	1	1	1	B
C257	CU3010	C1608CH1H090CTA	1	1	1	A
C258	CU3005	C1608CH1H040CTA	1	1	1	A
C259	CU3005	C1608CH1H040CTA	1	1	1	A
C260	CU3007	C1608CH1H060CTA	1	1	1	A
C261	CU3017	C1608CH1H330JTA	1	1	1	A
C262	CU3017	C1608CH1H330JTA	1	1	1	A
C263	CU3015	C1608CH1H220JTA	1	1	1	A
C264	CU3047	C1608JB1H103KTA	1	1	1	A
C265	CU3001	C1608CH1H0R5CTA	1	1	1	A
C266	CU3006	C1608CH1H050CTA	1	1	1	B
C267	CU3014	C1608CH1H180JTA	1	1	1	B
C268	CU3016	C1608CH1H270JTA	1	1	1	A
C269	CU3047	C1608JB1H103KTA	1	1	1	A
C270	CU3047	C1608JB1H103KTA	1	1	1	B
C271	CU3035	C1608JB1H102KTA	1	1	1	B
C273	CU3027	C1608CH1H221JTA	1	1	1	A
C274	CS0397	TNCP1C105MTR	1	1	1	B
C275	CU3035	C1608JB1H102KTA	1	1	1	B
C276	CU3035	C1608JB1H102KTA	1	1	1	A
C277	CU3111	C1608JB1C104M	1	1	1	A
C278	CU3011	C1608CH1H100CTA	1	1	1	A
C279	CU3035	C1608JB1H102KTA	1	1	1	B
C280	CU3111	C1608JB1C104M	1	1	1	A
C281	CU3039	C1608JB1H222KTA	1	1	1	A
C282	CU3051	C1608JB1E223KTA	1	1	1	A
C283	CU3051	C1608JB1E223KTA	1	1	1	A
C284	CU3047	C1608JB1H103KTA	1	1	1	A
C285	CS0395	TMCMB0G686MTR	1	1	1	A
C286	CU3021	C1608CH1H680JTA	1	1	1	A
C287	CS0397	TMCP1C105MTR	1	1	1	B
C288	CU3027	C1608CH1H221JTA	1	1	1	B
C289	CU3047	C1608JB1H103KTA	1	1	1	B
C290	CU3051	C1608JB1E223KTA	1	1	1	B
C291	CU3051	C1608JB1E223KTA	1	1	1	B
C292	CU3051	C1608JB1E223KTA	1	1	1	B
C293	CU3111	C1608JB1C104M	1	1	1	B
C294	CU3027	C1608CH1H221JTA	1	1	1	B
C295	CS0395	TMCMB0G686MTR	1	1	1	A
C296	CU3011	C1608CH1H100CTA	1	1	1	B
C297	CU3111	C1608JB1C104M	1	1	1	B
C298	CU3035	C1608JB1H102KTA	1	1	1	B
C299	CU3035	C1608JB1H102KTA	1	1	1	B
C300	CU3035	C1608JB1H102KTA	1	1	1	B
C301	CS0367	TMCMA0J106MTR	1	1	1	B
C302	CU3035	C1608JB1H102KTA	1	1	1	B
C303	CS0397	TMCP1C105MTR	1	1	1	B
C304	CU3111	C1608JB1C104M	1	1	1	A
C305	CU3022	C1608CH1H820JTA	1	1	1	A
C306	CU3111	C1608JB1C104M	1	1	1	B
C307	CU3035	C1608JB1H102KTA	1	1	1	A
C308	CU8046	C2012JB1C224KT-A	1	1	1	A
C309	CU3051	C1608JB1E223KTA	1	1	1	B
C310	CU3051	C1608JB1E223KTA	1	1	1	B
C311	CU3111	C1608JB1C104M	1	1	1	B
C312	CS0376	TMCMA0G226MTR	1	1	1	B
C313	CU3047	C1608JB1H103KTA	1	1	1	B
C314	CS0378	TMCMC0G107MTR	1	1	1	B
C315	CS0394	TMCMB0J476MTR	1	1	1	B
C316	CU3035	C1608JB1H102KTA	1	1	1	A
C317	CU3111	C1608JB1C104M	1	1	1	B
C318	CU3035	C1608JB1H102KTA	1	1	1	B
C319	CU3035	C1608JB1H102KTA	1	1	1	B
C320	CU3051	C1608JB1E223KTA	1	1	1	B
C321	CU3047	C1608JB1H103KTA	1	1	1	B
C322	CU3047	C1608JB1H103KTA	1	1	1	B
C323	CU3047	C1608JB1H103KTA	1	1	1	A
C324	CS0397	TMCP1C105MTR	1	1	1	A
C325	CU3047	C1608JB1H103KTA	1	1	1	A
C326	CU3035	C1608JB1H102KTA	1	1	1	B
C327	CS0396	TMCP1D104MTR	1	1	1	A
C329	CU3111	C1608JB1C104M	1	1	1	A
C330	CU3018	C1608CH1H390JTA	1	1	1	B
C332	CU3035	C1608JB1H102KTA	1	1	1	A
C333	CU3035	C1608JB1H102KTA	1	1	1	B
C334	CU3035	C1608JB1H102KTA	1	1	1	A
C335	CU3035	C1608JB1H102KTA	1	1	1	A
C336	CU3031	C1608JB1H471KTA	1	1	1	B
C337	CS0376	TMCMA0G226MTR	1	1	1	A
C338	CU3111	C1608JB1C104M	1	1	1	B
CN202	UE0320	P128B02M	1	1	1	H
CN203	UE0318	DF12D(4.0)30DP0,5V81	1	1	1	A
CN204	UE0217	9210B-1-03Z035-GF	1	1	1	H
D203	XD0312	MA2S304	1	1	1	B
D204	XD0272	1SS356TW11	1	1	1	B
D206	XD0316	MA2S376-TX	1	1	1	B
D207	XD0312	MA2S304	1	1	1	B
D208	XD0272	1SS356TW11	1	1	1	A
D209	XD0272	1SS356TW11	1	1	1	B
D210	XD0156	UDZ-TE-17-3.6B	1	1	1	B
D211	XL0054	LN28WP	1	1	1	H

PARTS LIST (DJ-C1)

Ref.No.	Parts N0.	Parts Name	T	E	EA	side
D212	XD0315	MA2S728-TX	1	1	1	A
FL201	XC0040	PBFC450P15DR	1	1	1	A
IC201	XA0519	XC62SPR332MR	1	1	1	B
IC202	XA0523	TC7SU04FU(TE85L)	1	1	1	B
IC203	XA0522	24LC02BT-I/SN	1	1	1	A
IC204	XA0520	LV2105V-TLM	1	1	1	A
IC205	XA0537	BA4510FV-E2	1	1	1	A
IC206	XA0524	TC7S66FU(TE85L)	1	1	1	B
IC207	XA0521	BA4116FV-E2	1	1	1	A
IC208	XA0210	NJM2070M-T1	1	1	1	B
IC209	XA0348	TC4W53FU(TE12)	1	1	1	B
IC210	XA0533	XC61AC2902MR	1	1	1	B
IC211	XA0539	XC62FP2802MR	1	1	1	B
JK201	UJ0040	HSJ1563-019010	1	1	1	A
L201	QC0427	LL1608-F56NK	1	1	1	B
L202	QC0292	NL252018T-2R2J	1	1	1	B
L203	QC0534	LQN21A47NJ04	1	1	1	A
L204	QC0292	NL252018T-2R2J	1	1	1	A
L205	QC0427	LL1608-F56NK	1	1	1	B
L2C6	QC0532	LQN21A33NJ04	1	1	1	A
L207	QC0532	LQN21A33NJ04	1	1	1	A
L208	QC0532	LQN21A33NJ04	1	1	1	A
L209	QC0534	LQN21A47NJ04	1	1	1	A
L210	QC0424	LL1608-F33NK	1	1	1	B
L211	QKAC5A	Coil(MR1.5 12.5T 0.4)	1	1	1	H
L212	QKAC5A	Coil(MR1.5 12.5T 0.4)	1	1	1	H
L213	QC0534	LQN21A47NJ04	1	1	1	A
L214	QA0070	QA0070-T	1	1	1	B
L215	QC0420	LL1608-F15NK	1	1	1	B
L216	QC0442	MLF1608A1R0KTA00	1	1	1	B
L217	QC0534	LQN21A47NJ04	1	1	1	A
L218	QC0427	LL1608-F56NK	1	1	1	B
L219	QC0292	NL252018T-2R2J	1	1	1	B
L220	QC0532	LQN21A33NJ04	1	1	1	A
L221	QC0532	LQN21A33NJ04	1	1	1	A
L222	QC0534	LQN21A47NJ04	1	1	1	B
L223	QC0534	LQN21A47NJ04	1	1	1	B
L224	QC0446	MLF1608A2R2KT	1	1	1	B
L225	QC0446	MLF1608A2R2KT	1	1	1	B
MC201	EY0012	EM-123T	1	1	1	H
Q201	XU0187	DTB114GKT146	1	1	1	A
Q202	XU0099	UN9216-R-TX	1	1	1	A
Q203	XT0138	2SC5066-0(TE85L)	1	1	1	B
Q204	XT0138	2SC5066-0(TE85L)	1	1	1	B
Q205	XE0034	MRF9745T1	1	1	1	A
Q206	XT0119	2SC3356-T1BR24	1	1	1	B
Q207	XT0138	2SC5066-0(TE85L)	1	1	1	B
Q208	XT0138	2SC5066-0(TE85L)	1	1	1	A
Q209	XT0138	2SC5066-0(TE85L)	1	1	1	B
Q210	XT0108	2SC4649-TLN	1	1	1	A
Q211	XU0092	UN911H-TX	1	1	1	B
Q212	XU0187	DTB114GKT146	1	1	1	B
Q213	XU0062	UN9111TX	1	1	1	B
Q214	XU0062	UN9111TX	1	1	1	B
Q215	XU0172	XP1501-TX	1	1	1	B
Q216	XU0092	UN911H-TX	1	1	1	B
Q217	XU0152	UMC5NTR	1	1	1	B
Q218	XT0138	2SC5066-0(TE85L)	1	1	1	B
Q219	XU0062	UN9111TX	1	1	1	B
Q220	XT0135	2SD2216R-TXR	1	1	1	B
Q221	XT0135	2SD2216R-TXR	1	1	1	A
Q222	XU0177	XP1216-TX	1	1	1	B
Q223	XU0099	UN9216-R-TX	1	1	1	B
Q224	XU0099	UN9216-R-TX	1	1	1	B
R201	RK3038	ERJ3GSYJ102V	1	1	1	B
R202	RK3026	ERJ3GSYJ101V	1	1	1	B
R203	RK3022	ERJ3GSYJ470V	1	1	1	B
R204	RK3062	ERJ3GSYJ104V	1	1	1	B
R205	RK3050	ERJ3GSYJ103V	1	1	1	B

Ref.No.	Parts N0.	Parts Name	T	E	EA	side
R206	RK3026	ERJ3GSYJ101V	1	1	1	B
R207	RK3022	ERJ3GSYJ470V	1	1	1	B
R208	RK3062	ERJ3GSYJ104V	1	1	1	B
R209	RK3050	ERJ3GSYJ103V	1	1	1	B
R211	RK3034	ERJ3GSYJ471V	1	1	1	B
R212	RK3050	ERJ3GSYJ103V	1	1	1	B
R213	RK3042	ERJ3GSYJ222V	1	1	1	B
R214	RK3050	ERJ3GSYJ103V	1	1	1	B
R215	RK3042	ERJ3GSYJ222V	1	1	1	A
R216	RK3022	ERJ3GSYJ470V	1	1	1	B
R217	RK3022	ERJ3GSYJ470V	1	1	1	B
R218	RK3042	ERJ3GSYJ222V	1	1	1	A
R219	RK3026	ERJ3GSYJ101V	1	1	1	A
R220	RK3001	ERJ3GSY0R00V	1	1	1	A
R221	RK3050	ERJ3GSYJ103V	1	1	1	A
R222	RK3062	ERJ3GSYJ104V	1	1	1	B
R223	RK3062	ERJ3GSYJ104V	1	1	1	B
R224	RK3030	ERJ3GSYJ221V	1	1	1	A
R225	RK3066	ERJ3GSYJ224V	1	1	1	A
R226	RK3042	ERJ3GSYJ222V	1	1	1	A
R227	RK3074	ERJ3GSYJ105V	1	1	1	B
R228	RK3022	ERJ3GSYJ470V	1	1	1	A
R229	RK3028	ERJ3GSYJ151V	1	1	1	B
R230	RK3062	ERJ3GSYJ104V	1	1	1	A
R231	RK3062	ERJ3GSYJ104V	1	1	1	A
R232	RK3022	ERJ3GSYJ470V	1	1	1	A
R233	RK3038	ERJ3GSYJ102V	1	1	1	A
R234	RK3034	ERJ3GSYJ471V	1	1	1	A
R235	RK3040	ERJ3GSYJ152V	1	1	1	A
R236	RK3062	ERJ3GSYJ104V	1	1	1	A
R237	RK3062	ERJ3GSYJ104V	1	1	1	A
R238	RK3056	ERJ3GSYJ333V	1	1	1	B
R239	RK3063	ERJ3GSYJ124V	1	1	1	A
R240	RK3056	ERJ3GSYJ333V	1	1	1	A
R241	RK3056	ERJ3GSYJ333V	1	1	1	B
R242	RK3062	ERJ3GSYJ104V	1	1	1	B
R243	RK3046	ERJ3GSYJ472V	1	1	1	A
R244	RK3050	ERJ3GSYJ103V	1	1	1	A
R245	RK3050	ERJ3GSYJ103V	1	1	1	A
R246	RK3058	ERJ3GSYJ473V	1	1	1	B
R247	RK3058	ERJ3GSYJ473V	1	1	1	B
R248	RK3042	ERJ3GSYJ222V	1	1	1	A
R249	RK3026	ERJ3GSYJ101V	1	1	1	B
R250	RK3050	ERJ3GSYJ103V	1	1	1	A
R251	RK3035	ERJ3GSYJ581V	1	1	1	A
R252	RK3050	ERJ3GSYJ103V	1	1	1	B
R253	RK3066	ERJ3GSYJ224V	1	1	1	A
R254	RK3054	ERJ3GSYJ223V	1	1	1	A
R255	RK3058	ERJ3GSYJ473V	1	1	1	A
R256	RK3006	ERJ3GSYJ2R2V	1	1	1	A
R257	RK3067	ERJ3GSYJ274V	1	1	1	B
R258	RK3061	ERJ3GSYJ823V	1	1	1	A
R259	RK3056	ERJ3GSYJ333V	1	1	1	A
R260	RK3052	ERJ3GSYJ153V	1	1	1	A
R261	RK3054	ERJ3GSYJ223V	1	1	1	B
R262	RK3058	ERJ3GSYJ473V	1	1	1	B
R263	RK3069	ERJ3GSYJ394V	1	1	1	A
R264	RK3001	ERJ3GSY0R00V	1	0	0	B
R265	RK3034	ERJ3GSYJ471V	1	1	1	B
R266	RK3056	ERJ3GSYJ333V	1	1	1	A
R268	RK3044	ERJ3GSYJ332V	1	1	1	B
R269	RK3064	ERJ3GSYJ154V	1	1	1	B
R270	RK3056	ERJ3GSYJ333V	1	1	1	B
R271	RK3062	ERJ3GSYJ104V	1	1	1	B
R272	RK3043	ERJ3GSYJ272V	1	1	1	B
R273	RK3038	ERJ3GSYJ102V	1	1	1	B
R274	RK3050	ERJ3GSYJ103V	1	1	1	B
R275	RK3058	ERJ3GSYJ473V	1	1	1	B
R276	RK3055	ERJ3GSYJ273V	1	1	1	B

Ref.No.	Parts N0.	Parts Name	T	E	EA	side
R277	RK3042	ERJ3GSYJ222V	1	1	1	B
R278	RK3034	ERJ3GSYJ471V	1	1	1	B
R279	RK3050	ERJ3GSYJ103V	1	1	1	B
R280	RK3050	ERJ3GSYJ103V	1	1	1	B
R281	RK3042	ERJ3GSYJ222V	1	1	1	B
R282	RK3046	ERJ3GSYJ472V	1	1	1	A
R283	RK3046	ERJ3GSYJ472V	1	1	1	B
R284	RK3074	ERJ3GSYJ105V	1	1	1	B
R285	RK3040	ERJ3GSYJ152V	1	1	1	A
R286	RK3030	ERJ3GSYJ221V	1	1	1	B
R287	RK3062	ERJ3GSYJ104V	1	1	1	B
R288	RK3062	ERJ3GSYJ104V	1	1	1	B
R289	RK3038	ERJ3GSYJ102V	1	1	1	B
R290	RK3014	ERJ3GSYJ100V	1	1	1	B
R291	RK3002	ERJ3GSYJ010V	1	1	1	B
R292	RK3028	ERJ3GSYJ151V	1	1	1	A
R293	RK3054	ERJ3GSYJ223V	1	1	1	B
R294	RK3044	ERJ3GSYJ332V	1	1	1	B
R295	RK3070	ERJ3GSYJ474V	1	1	1	B
R296	RK3030	ERJ3GSYJ221V	1	1	1	B
R297	RK3046	ERJ3GSYJ472V	1	1	1	B
R298	RK3070	ERJ3GSYJ474V	1	1	1	A
R299	RK3058	ERJ3GSYJ473V	1	1	1	A
R300	RK3058	ERJ3GSYJ473V	1	1	1	A
R301	RK3055	ERJ3GSYJ273V	1	1	1	B
R302	RK3032	ERJ3GSYJ331V	1	1	1	B
R303	RK3028	ERJ3GSYJ151V	1	1	1	B
R304	RK3024	ERJ3GSYJ680V	1	1	1	B
R305	RK3022	ERJ3GSYJ470V	1	1	1	B
R306	RK3030	ERJ3GSYJ221V	1	1	1	A
R307	RK3050	ERJ3GSYJ103V	1	1	1	A
R308	RK3046	ERJ3GSYJ472V	1	1	1	A
R311	RK3014	ERJ3GSYJ100V	1	1	1	B
R312	RK3062	ERJ3GSYJ104V	1	1	1	B
SW201	US0022	HSW1060JD1-010	1	1	1	H
TC202	CT0037	CTZ2S-10A-W2	1	1	1	B
TP202	FM0145	Charger Terminal	1	1	1	H
TP203	FM0145	Charger Terminal	1	1	1	H
VR201	RH0138	MVR22HXBRN222	1	1	1	B
VR202	RH0142	MVR22HXBRN103	1	1	1	B
W201	MPCK060	Wire(#28PH1-060-H1)	1	1	1	H
W202	MRCKH5	Wire(#28R02-55-02)	1	1	1	H
W203	MACL02A	Wire(#30A02-20-02)	1	1	0	H
X201	XQ0103	T0P-B21.250MHZ	1	1	1	A
X202	XK0005	CDBC450CX24	1	1	1	A
XF201	XF0033	DSF753S 20.800MHz	0	1	1	A
XF201	XF0034	DSF753S 21.700MHz	1	0	0	A
	UP0345A	DJC1 P.C.B.	1	1	0.5	A
	TS0142	VCO Case	1	1	1	H
		PTT Unit				
C401	CU3031	C1608JB1H471KTA	1	1	1	B
SW401	UU0026	EVQPLBA08	1	1	1	A
W401	MRCL02A	Wire(#30R02-20-02)	1	1	1	H
W402	MBCL02A	Wire(#30B02-20-02)	1	1	1	H

Parts No.	Parts Name	QTY	Ver
BS0016B	Soft Case DJC1	1	
DS0388	Serial No.Plate(E)	1	E
DS0391	Serial No.Plate DJC1T	1	T
EA63	Wire Antnna for DJC1/4	1	
EDC77Z	AC ADAPTER 230V	1	E
EDC76Z	AC ADAPTER 120V	1	T
EDH26A	Charger EDH26A	1	
EME18	Earphone 2.5 L=1m	1	
HK0430	Package DJC1	1	
HK0432	Package DJC1K	1	
HM0171	Carton 10pcs DJC1	0.1	
HP0006	Protect.big(5X90X170)	1	
HP0016	Protect.big(5X75X90)	1	
HP0031	Protect.big(5X100X200)	1	
HU0114	INNER 10PCS DJC1	0.2	
PR0309	CE-mark label	2	E
PH0009B	Warranty cert export	1	T
PR0346	LABEL E	4	E
PS0267	Instruction DJC1/4	1	
PS0273	Instruction EDH26	1	
PR0237	FCC PART15	1	T
PR0345	Label T	4	T
PT0004A	Serial No.for carton	3	
PR0373	Sticker C	1	

PARTS LIST (DJ-C4)

Ref.No.	Parts N0.	Parts Name	T	E	EA	C	side
		CPU Unit					
C101	CU3047	C1608JB1H103KTA	1	1	1		A
C102	CU3047	C1608JB1H103KTA	1	1	1		A
C103	CS0398	TMCP0J225NTR	1	1	1		A
C104	CU3017	C1608CH1H330JTA	1	1	1		A
C105	CU3017	C1608CH1H330JTA	1	1	1		A
CN101	UE0319	DF12A-30DSJD.5V(81)	1	1	1		A
D101	NC		1	1	1		A
D102	XD0315	MA2S728-TX	1	1	1		A
EL101	EL0040	LCD DJC1	1	1	1		H
IC101	XA0535	M38223M4-422HP	1	1	1		A
IC102	XA0356	S-80730SL-AT-T1	1	1	1		A
IC103	NC		1	1	1		A
R101	RK3042	ERJ3GSYJ222V	1	1	1		A
R102	RK3058	ERJ3GSYJ473V	1	1	1		A
R103	RK3058	ERJ3GSYJ473V	1	1	1		A
R104	NC		0	0	0		A
R105	RK3056	ERJ3GSYJ333V	0	1	1		A
R106	RK3056	ERJ3GSYJ333V	0	1	1		A
R107	RK3058	ERJ3GSYJ473V	1	1	1		A
R108	RK3056	ERJ3GSYJ333V	1	1	1		A
R109	RK3052	ERJ3GSYJ153V	0	0	0		A
R109	RK3056	ERJ3GSYJ333V	1	0	0		A
R110	RK3052	ERJ3GSYJ153V	0	0	0		A
R110	RK3056	ERJ3GSYJ333V	1	0	0		A
R111	RK3046	ERJ3GSYJ472V	1	1	1		A
R112	RK3001	ERJ3GSY0R00V	1	1	1		A
R113	NC		1	1	1		A
R114	RK3038	ERJ3GSYJ102V	1	1	1		A
R115	RK3062	ERJ3GSYJ104V	1	1	1		A
R116	RK3062	ERJ3GSYJ104V	1	1	1		A
R117	RK3074	ERJ3GSYJ105V	1	1	1		A
R118	RK3026	ERJ3GSYJ101V	1	1	1		A
R119	RK3038	ERJ3GSYJ102V	1	1	1		A
R120	RK3038	ERJ3GSYJ102V	1	1	1		A
RA102	RA0011	EXBV8V103UV	1	1	1		A
RA103	RA0010	EXBV8V472JV	1	1	1		A
RA104	RA0009	EXBV8V102JV	1	1	1		A
RA105	RA0008	EXBV4V102JV	1	1	1		A
RA106	RA0009	EXBV8V102JV	1	1	1		A
RA107	RA0008	EXBV4V102JV	1	1	1		A
RA108	RA0008	EXBV4V102JV	1	1	1		A
RA109	RA0009	EXBV8V102JV	1	1	1		A
RA110	RA0009	EXBV8V102JV	1	1	1		A
RA111	RA0008	EXBV4V102JV	1	1	1		A
RA112	RA0008	EXBV4V102JV	1	1	1		A
RA113	RA0008	EXBV4V102JV	1	1	1		A
X101	XQ0077	38C 3.686400MHz	1	1	1		H
	YX0004	TAPE	1	1	1		H

Ref.No.	Parts N0.	Parts Name	T	E	EA	C	side
		Mechanical Parts					
	AE0022	Screw(FTH/M1.7+3 FEB.N)	9	9	9		
	AF0010	Screw(0PH M2+4 FE/N3)	1	1	1		
	DK0123	Front Panel(for DJC4)	1	1	1		
	EA0061	Antenna	1	1	1		
	ED0008	Ions of Lithium	1	1	1		
	FG0138	Stick Rubber	1	1	1		
	FG0234Y	MIC Holder	1	1	1		
	FM0144	Frame	3	3	3		
	FP0115	Chassis	1	1	1		
	FP0116	Power Switch	1	1	1		
	FP0117	PTT Switch	1	1	1		
	FP0118	LCD Holder	1	1	1		
	FP0120	Switch Cover	1	1	1		
	KB0067A	Rear Case	1	1	1		
	KM0213A	Front Case	1	1	1		
	UY0004	1MSA-9215H-GF	1	1	1		
	YX0004	TAPE	1	1	1		H
		Main Unit					
	FM0145	Charger Terminal	2	2	2		H
	TS0142	VCO Case	1	1	1		H
	UP0346B	DJC4 P.C.B	1	1	5		h
C201	CS0394	TMCMB0J476MTR	1	1	1		A
C202	CS0394	TMCMB0J476MTR	1	1	1		B
C203	CU3047	C1608JB1H103KTA	1	1	1		B
C204	CU3031	C1608JB1H471KTA	1	1	1		A
C205	CU3031	C1608JB1H471KTA	1	1	1		A
C207	CU3016	C1608CH1H270JTA	1	1	1		B
C208	CU3031	C1608JB1H471KTA	1	1	1		B
C209	CS0367	TMCMA0J106MTR	1	1	1		A
C210	CS0367	TMCMA0J106MTR	1	1	1		A
C211	CU3031	C1608JB1H471KTA	1	1	1		B
C212	CU3031	C1608JB1H471KTA	1	1	1		B
C213	CS0376	TMCMAC6226NTR	1	1	1		B
C214	CU3035	C1608JB1H102KTA	1	1	1		B
C215	CU3018	C1608CH1H390JTA	1	1	1		A
C216	CU3031	C1608JB1H471KTA	1	1	1		B
C217	CS0376	TMCMA0G226MTR	1	1	1		B
C218	CU3031	C1608JB1H471KTA	1	1	1		B
C219	CU3031	C1608JB1H471KTA	1	1	1		B
C220	CU3031	C1608JB1H471KTA	1	1	1		B
C221	CU3031	C1608JB1H471KTA	1	1	1		B
C222	CU3011	C1608CH1H100CTA	1	1	1		B
C223	CU3031	C1608JB1H471KTA	1	1	1		B
C224	CU3005	C1608CH1H040CTA	1	1	1		B
C225	CU3015	C1608CH1H220JTA	1	0	0		A
C225	CU3016	C1608CH1H270JTA	0	1	1		B
C226	CU3008	C1608CH1H070CTA	1	1	1		B
C227	CU3011	C1608CH1H100CTA	1	1	1		B
C228	CU3007	C1608CH1H060CTA	1	1	1		B
C229	CU3003	C1608CH1H020CTA	1	1	1		B
C230	CU3014	C1608CH1H180JTA	1	1	1		B
C233	CU3001	C1608CH1H0R5CTA	1	1	1		B
C235	CU3002	C1608CH1H010CTA	1	1	1		B
C236	CU3011	C1608CH1H100CTA	1	1	1		B
C237	CU3008	C1608CH1H070CTA	1	1	1		B
C238	CU3031	C1608JB1H471KTA	1	1	1		B
C239	CU3006	C1608CH1H050CTA	1	1	1		B
C241	CU3026	C1608CH1H181JTA	1	1	1		B
C242	CU3031	C1608JB1H471KTA	1	1	1		B
C243	CU3031	C1608JB1H471KTA	1	1	1		B
C244	CU3031	C1608JB1H471KTA	1	1	1		B
C245	CS0367	TMCMA0J106MTR	1	1	1		A
C246	CS0378	TMCMC0G107NTR	1	1	1		A
C247	CS0396	TMCP1D104MTR	1	1	1		A
C248	CU3011	C1608CH1H100CTA	1	1	1		B
C249	CU3009	C1608CH1H080CTA	1	1	1		B
C250	CU3006	C1608CH1H050CTA	1	1	1		B
C251	CU3031	C1608JB1H471KTA	1	1	1		B

Ref.No.	Parts N0.	Parts Name	T	E	EA	side
C252	CU3051	C1608JB1E223KTA	1	1	1	A
C254	CU3019	C1608CH1H470JTA	1	1	1	B
C255	CU3003	C1608CH1H020CTA	1	1	1	B
C256	CU3007	C1608CH1H060CTA	1	1	1	B
C257	CU3012	C1608CH1H120JTA	1	1	1	B
C258	CU3010	C1608CH1H090CTA	1	1	1	B
C259	CU3002	C1608CH1H010CTA	1	1	1	B
C260	CU3002	C1608CH1H010CTA	1	1	1	A
C261	CU3006	C1608CH1H050CTA	1	1	1	B
C262	CU3014	C1608CH1H180JTA	1	1	1	B
C263	CU3047	C1608JB1H103KTA	1	1	1	A
C264	CU3031	C1608JB1H471KTA	1	1	1	A
C266	CU3011	C1608CH1H100CTA	1	1	1	A
C267	CU3047	C1608JB1H103KTA	1	1	1	A
C268	CU3011	C1608CH1H100CTA	1	1	1	A
C269	CU3005	C1608CH1H040CTA	1	1	1	A
C270	CU3031	C1608JB1H471KTA	1	1	1	A
C271	CU3011	C1608CH1H100CTA	1	1	1	A
C272	CU3035	C1608JB1H102KTA	1	1	1	A
C273	CU3011	C1608CH1H100CTA	1	1	1	A
C274	CU3047	C1608JB1H103KTA	1	1	1	A
C275	CS0376	TMCMA0G226MTR	1	1	1	A
C276	CU3047	C1608JB1H103KTA	1	1	1	B
C277	CU3035	C1608JB1H102KTA	1	1	1	B
C278	CU3047	C1608JB1H103KTA	1	1	1	A
C279	CU3027	C1608CH1H221JTA	1	1	1	A
C280	CU3051	C1608JB1E223KTA	1	1	1	A
C281	CS0397	TMCP1C105MTR	1	1	1	B
C282	CU3035	C1608JB1H102KTA	1	1	1	B
C283	CU3027	C1608CH1H221JTA	1	1	1	B
C284	CU3059	C1608JF1E104ZTA	1	1	1	A
C285	CU8042	C2012JB1C104KTA	1	1	1	A
C286	CU3039	C1608JB1H222KTA	1	1	1	A
C287	CU3035	C1608JB1H102KTA	1	1	1	B
C288	CU3027	C1608CH1H221JTA	1	1	1	B
C289	CU3051	C1608JB1E223KTA	1	1	1	B
C290	CS0395	TMCMB0G686MTR	1	1	1	A
C291	CU3011	C1608CH1H100CTA	1	1	1	A
C292	CU3051	C1608JB1E223KTA	1	1	1	B
C293	CU3051	C1608JB1E223KTA	1	1	1	B
C294	CU3021	C1608CH1H680JTA	1	1	1	A
C295	CU3059	C1608JF1E104ZTA	1	1	1	B
C296	CS0376	TMCMA0G226MTR	1	1	1	B
C297	CU3047	C1608JB1H103KTA	1	1	1	B
C298	CU3051	C1608JB1E223KTA	1	1	1	B
C299	CU3035	C1608JB1H102KTA	1	1	1	B
C300	CU8042	C2012JB1C104KTA	1	1	1	B
C302	CU3031	C1608JB1H471KTA	1	1	1	B
C303	CU3031	C1608JB1H471KTA	1	1	1	B
C304	CU3031	C1608JB1H471KTA	1	1	1	A
C305	CU3022	C1608CH1H820JTA	1	1	1	A
C306	CU3047	C1608JB1H103KTA	1	1	1	B
C307	CU8042	C2012JB1C104KTA	1	1	1	A
C308	CU3035	C1608JB1H102KTA	1	1	1	A
C309	CU8042	C2012JB1C104KTA	1	1	1	B
C310	CU3051	C1608JB1E223KTA	1	1	1	B
C311	CS0397	TMCP1C105MTR	1	1	1	A
C312	CU3047	C1608JB1H103KTA	1	1	1	A
C313	CS0376	TMCMACG226MTR	1	1	1	B
C314	CU3047	C1608JB1H103KTA	1	1	1	B
C315	CU3059	C1608JF1E104ZTA	1	1	1	B
C316	CS0394	TMCMB0J476MTR	1	1	1	B
C317	CS0378	TMCMC0G107MTR	1	1	1	B
C318	CU3035	C1608JB1H102KTA	1	1	1	A
C319	CU8042	C2012JB1C104KTA	1	1	1	B
C321	CU3035	C1608JB1H102KTA	1	1	1	B
C323	CU3031	C1608JB1H471KTA	1	1	1	B
C324	CU3005	C1608CH1H040CTA	1	1	1	B
C325	CU3031	C1608JB1H471KTA	1	1	1	B
C326	CU3031	C1608JB1H471KTA	1	1	1	B

PARTS LIST (DJ-C4)

Ref.No.	Parts N0.	Parts Name	T	E	EA	C	side
C327	CS0396	TMCP1D104MTR	1	1	1		A
CN202	UE0217	9210B-1-03Z035-GF	1	1	1		H
CN203	UE0320	P128B02M	1	1	1		H
CN204	UE0318	DF12D(4.0)30DP0.5V81	1	1	1		A
D201	XD0272	1SS356TW11	1	1	1		B
D202	XD0252	MA741WKTX	1	1	1		A
D203	XD0316	MA2S376-TX	1	1	1		B
D204	XD0316	MA2S376-TX	1	1	1		B
D205	XD0316	MA2S376-TX	1	1	1		B
D206	XD0246	DAN235U-T106	1	1	1		B
D207	XD0272	1SS356TW11	1	1	1		B
D208	XD0272	1SS356TW11	1	1	1		A
D209	XD0246	DAN235U-T106	1	1	1		A
D210	XL0054	LN28WP		1	1	1	H
D211	XD0156	UDZ-TE-17-3.6B	1	1	1		B
FL201	XC0041	LFB30N11B0435B010	0	1	1		B
FL201	XC0042	LFB30N11B0445B010	1	0	0		B
FL202	XC0040	PGFC450P15DR	1	1	1		A
IC201	XA0519	XC62SPR332MR	1	1	1		B
IC202	XA0523	TC7SU04FU(TE85L)	1	1	1		B
IC203	XA0522	24LC02BT-I/SN	1	1	1		A
IC204	XA0520	LV2105V-TLM	1	1	1		A
IC205	XA0537	BA4510FV-E2	1	1	1		A
IC206	XA0521	BA4116FV-E2	1	1	1		A
IC207	XA0524	TC7S66FU(TE85L)	1	1	1		B
IC208	XA0210	NJM2070M T1	1	1	1		B
IC209	XA0533	XC61AC2902MR	1	1	1		B
IC210	XA0539	XC62FP2802MR	1	1	1		B
JK201	UJ0040	HSJ1563-019010	1	1	1		A
L201	QC0277	NL252018TR12J	1	1	1		B
L202	QC0532	LQN21A33NJ04	1	1	1		A
L203	QC0277	NL252018TR12J	1	1	1		A
L204	QC0422	LL1608-F22NK	1	1	1		B
L205	QC0421	LL1608-F18NK	1	1	1		B
L206	QKA25A	Coil(MR1.5 2.5T 0.4)	1	1	1		H
L207	QC0527	LQN21A12NJ04	1	1	1		A
L208	QC0530	LQN21A22NJ04	1	1	1		A
L209	QC0529	LQN21A18NJ04	1	1	1		A
L210	QC0524	LQN21A6N8D04	1	1	1		A
L212	QC0422	LL1608-F22NK	1	1	1		B
L213	QC0419	LL1608-F12NK	1	1	1		B
L214	QKA25A	Coil(MR1.5 2.5T 0.4)	1	1	1		H
L215	QC0507	LK16081R0K-T	1	1	1		B
L216	QC0529	LQN21A18NJ04	1	1	1		A
L217	QC0421	LL1608-F18NK	1	1	1		B
L218	QC0047	NL322522T4R7J	1	1	1		A
L219	QC0421	LL1608-F18NK	1	1	1		B
L220	QC0532	L0N21A33nJ04	1	1	1		B
L221	QC0422	LL1608-F22NK	1	1	1		A
L222	QC0422	LL1608-F22NK	1	1	1		A
L223	QC0422	LL1608-F22NK	1	1	1		B
L224	QC0422	LL1608-F22NK	1	1	1		B
MC201	EY0012	EM-123T		1	1	1	H
Q206	XE0034	MRF9745T1	1	1	1		A
Q220	XU0092	UN911H-TX	1	1	1		B
Q201	XU0187	DTB114GK-T146	1	1	1		A
Q214	XU0187	DTB114GK-T146	1	1	1		B
Q202	XU0063	UN9211-TX	1	1	1		A
Q203	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q204	XT0142	2SC3356T1B-R25	1	1	1		B
Q205	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q207	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q208	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q209	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q210	XT0108	2SC4649-TLN	1	1	1		A
Q211	XT0138	2SC5066-0(TE85L)	1	1	1		A
Q212	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q213	XU0062	UN9111TX	1	1	1		B
Q215	XU0062	UN9111TX	1	1	1		B
Q216	XU0062	UN9111TX	1	1	1		B

Ref.No.	Parts N0.	Parts Name	T	E	EA		side
Q217	XU0062	UN9111-TX	1	1	1		B
Q218	XU0172	XP1501-TX	1	1	1		B
Q219	XE0019	2SJ144YTE85R	1	1	1		B
Q221	XU0047	UMC3NTR1	1	1	1		B
Q222	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q223	XT0138	2SC5066-0(TE85L)	1	1	1		B
Q224	XU0063	UN9211TX	1	1	1		B
Q225	XU0172	XP1501-TX	1	1	1		B
R269	RK3044	ERJ3GSYJ332V	1	0	0		B
R221	RK3050	ERJ3GSYJ103V	1	1	1		B
R201	RK3034	ERJ3GSYJ471V	1	1	1		A
R202	RK3026	ERJ3GSYJ101V	1	1	1		B
R203	RK3037	ERJ3GSYJ821V	1	1	1		B
R204	RK3014	ERJ3GSYJ100V	1	1	1		A
R205	RK3014	ERJ3GSYJ100V	1	1	1		B
R206	RK3062	ERJ3GSYJ104V	1	1	1		B
R207	RK3050	ERJ3GSYJ103V	1	1	1		B
R208	RK3040	ERJ3GSYJ152V	1	1	1		B
R209	RK3030	ERJ3GSYJ221V	1	1	1		B
R210	RK3059	ERJ3GSYJ563V	1	1	1		B
R211	RK3039	ERJ3GSYJ122V	1	1	1		A
R212	RK3034	ERJ3GSYJ471V	1	1	1		B
R213	RK3050	ERJ3GSYJ103V	1	1	1		B
R214	RK3042	ERJ3GSYJ222V	1	1	1		B
R215	RK3058	ERJ3GSYJ473V	1	1	1		B
R216	RK3022	ERJ3GSYJ470V	1	1	1		B
R217	RK3022	ERJ3GSYJ470V	1	1	1		B
R218	RK3022	ERJ3GSYJ470V	1	1	1		B
R219	RK3027	ERJ3GSYJ121V	1	1	1		A
R220	RK3046	ERJ3GSYJ472V	1	1	1		A
R222	RK3038	ERJ3GSYJ102V	1	1	1		B
R223	RK3059	ERJ3GSYJ563V	0	1	1		B
R223	RK3062	ERJ3GSYJ104V	1	0	0		B
R224	RK3062	ERJ3GSYJ104V	1	1	1		B
R225	RK3035	ERJ3GSYJ561V	1	1	1		B
R226	RK3064	ERJ3GSYJ154V	1	1	1		B
R227	RK3035	ERJ3GSYJ561V	1	1	1		B
R228	RK3074	ERJ3GSYJ105V	1	1	1		B
R229	RK3039	ERJ3GSYJ122V	1	1	1		B
R230	RK3029	ERJ3GSYJ181V	1	1	1		B
R231	RK3062	ERJ3GSYJ104V	1	1	1		A
R232	RK3062	ERJ3GSYJ104V	1	1	1		B
R233	RK3022	ERJ3GSYJ470V	1	1	1		A
R234	RK3038	ERJ3GSYJ102V	1	1	1		A
R235	RK3038	ERJ3GSYJ102V	1	1	1		A
R236	RK3062	ERJ3GSYJ104V	1	1	1		A
R237	RK3062	ERJ3GSYJ104V	1	1	1		A
R238	RK3014	ERJ3GSYJ100V	1	1	1		B
R239	RK3022	ERJ3GSYJ470V	1	1	1		A
R240	RK3035	ERJ3GSYJ561V	1	1	1		B
R241	RK3039	ERJ3GSYJ122V	1	1	1		A
R242	RK3058	ERJ3GSYJ473V	1	1	1		A
R243	RK3059	ERJ3GSYJ563V	1	1	1		A
R244	RK3022	ERJ3GSYJ470V	1	1	1		A
R245	RK3039	ERJ3GSYJ122V	1	1	1		A
R246	RK3050	ERJ3GSYJ103V	1	1	1		A
R247	RK3050	ERJ3GSYJ103V	1	1	1		A
R248	RK3044	ERJ3GSYJ332V	1	1	1		B
R249	RK3026	ERJ3GSYJ101V	1	1	1		B
R250	RK3050	ERJ3GSYJ103V	1	1	1		A
R251	RK3026	ERJ3GSYJ101V	1	1	1		A
R252	RK3022	ERJ3GSYJ470V	1	1	1		A
R253	RK3060	ERJ3GSYJ683V	1	1	1		A
R254	RK3058	ERJ3GSYJ473V	1	1	1		A
R255	RK3056	ERJ3GSYJ333V	1	1	1		B
R256	RK3063	ERJ3GSYJ124V	1	1	1		A
R257	RK3056	ERJ3GSYJ333V	1	1	1		A
R258	RK3056	ERJ3GSYJ333V	1	1	1		B
R259	RK3054	ERJ3GSYJ223V	1	1	1		A
R260	RK3001	ERJ3GSY0R00V	0	0	0		B

Ref.No.	Parts N0.	Parts Name	T	E	EA	C	side
R261	RK3058	ERJ3GSYJ473V	1	1	1		A
R262	RK3058	ERJ3GSYJ473V	1	1	1		B
R263	RK3058	ERJ3GSYJ473V	1	1	1		B
R264	RK3058	ERJ3GSYJ473V	1	1	1		A
R265	RK3062	ERJ3GSYJ104V	1	1	1		B
R266	RK3058	ERJ3GSYJ473V	1	1	1		A
R267	RK3073	ERJ3GSYJ844V	1	1	1		A
R268	RK3050	ERJ3GSYJ103V	1	1	1		A
R269	RK3045	ERJ3GSYJ392V	0	1	1		B
R270	RK3064	ERJ3GSYJ154V	1	1	1		B
R271	RK3063	ERJ3GSYJ124V	1	1	1		B
R272	RK3041	ERJ3GSYJ182V	1	1	1		B
R273	RK3059	ERJ3GSYJ563V	1	1	1		A
R274	RK3061	ERJ3GSYJ823V	1	1	1		A
R275	RK3054	ERJ3GSYJ223V	1	1	1		B
R276	RK3058	ERJ3GSYJ473V	1	1	1		A
R277	RK3058	ERJ3GSYJ473V	1	1	1		A
R278	RK3038	ERJ3GSYJ102V	1	1	1		B
R279	RK3058	ERJ3GSYJ473V	1	1	1		B
R280	RK3055	ERJ3GSYJ273V	1	1	1		A
R281	RK3056	ERJ3GSYJ333V	1	1	1		B
R282	RK3042	ERJ3GSYJ222V	1	1	1		B
R283	RK3069	ERJ3GSYJ394V	1	1	1		A
R284	RK3034	ERJ3GSYJ471V	1	1	1		B
R285	RK3050	ERJ3GSYJ103V	1	1	1		B
R286	RK3035	ERJ3GSYJ561V	1	1	1		A
R287	RK3050	ERJ3GSYJ103V	1	1	1		B
R288	RK3038	ERJ3GSYJ102V	1	1	1		B
R289	RK3042	ERJ3GSYJ222V	1	1	1		B
R290	RK3034	ERJ3GSYJ471V	1	1	1		A
R291	RK3045	ERJ3GSYJ392V	1	1	1		A
R292	RK3078	ERJ3GSYJ225V	1	1	1		B
R293	RK3040	ERJ3GSYJ152V	1	1	1		A
R294	RK3038	ERJ3GSYJ102V	1	1	1		B
R295	RK3028	ERJ3GSYJ151V	1	1	1		B
R296	RK3062	ERJ3GSYJ104V	1	1	1		B
R297	RK3014	ERJ3GSYJ100V	1	1	1		B
R298	RK3054	ERJ3GSYJ223V	1	1	1		B
R299	RK3038	ERJ3GSYJ102V	1	1	1		B
R300	RK3014	ERJ3GSYJ100V	1	1	1		B
R301	RK3058	ERJ3GSYJ473V	1	1	1		B
R302	RK3022	ERJ3GSYJ470V	1	1	1		A
R303	RK3062	ERJ3GSYJ104V	1	1	1		B
R304	RK3028	ERJ3GSYJ151V	1	1	1		A
R305	RK3030	ERJ3GSYJ221V	1	1	1		B
R306	RK3027	ERJ3GSYJ121V	1	1	1		B
R307	RK3035	ERJ3GSYJ560V	1	1	1		B
R308	RK3058	ERJ3GSYJ473V	1	1	1		B
R309	RK3014	ERJ3GSYJ100V	0	1	1		B
R309	RK3022	ERJ3GSYJ470V	1	0	0		B
SW201	US0022	HSW1060J31-010	1	1	1		H
TC201	CT0037	CTZ2S-10A-W2	1	1	1		B
VR201	RH0138	MVR22HXBRN222	1	1	1		B
VR202	RH0142	MVR22HXBRN103	1	1	1		B
W201	MBCKH4	Wire(#28BH1-045-H1)	1	1	1		H
W202	MRCKH5	Wire(#28R02-55-02)	1	1	1		H
W203	MRCL02A	Wire(#30R02-20-02)	1	1	0		H
X201	XQ0103	T0P-B21.250MHz	1	1	1		A
X202	XK0005	CDBC450CX24	1	1	1		A
XF201	XF0034	DSF753S 21.700MHz	1	1	1		A
		PTT Unit					
L401	QC0507	LK16081R0K-T	1	1	1		B
L402	QC0507	LK16081R0K-T	1	1	1		B
SW401	UU0026	EVQPLBA08	1	1	1		A
W401	MBCL02A	Wire(#30B02-20-02)	1	1	1		H
W402	MRCL02A	Wire(#30R02-20-02)	1	1	1		H

Parts No.	Parts Name	QTY	Ver
BS0016B	Soft Case DJC1	1	
DS0388	Serial No.Plate(E)	1	E
DS0392	Serial No.Plate DJC4T	1	T
EA63	Wire Antnna for DJC1/4	1	
EDC77Z	AC ADAPTER 230V	1	E
EDC76Z	AC ADAPTER 120V	1	T
EDH26A	Charger EDH26A	1	
EME18	Earphone 2.5 L=1m	1	
HK0431	Package DJC4	1	
HK0433	Package DJC4K	1	
HM0171	Carton 10pcs DJC1	0.1	
HP0006	Protect.big(5X90X170)	1	
HP0016	Protect.big(5X75X90)	1	
HP0031	Protect.big(5X100X200)	1	
HU0114	INNER 10PCS DJC1	0.2	
PR0309	CE-mark label	2	E
PR0277	Warranty cert export	1	T
PR0346	LABEL E	4	E
PS0267	Instruction DJC1/4	1	
PS0273	Instruction EDH26	1	
PR0237	FCC PART15	1	T
PR0345	Label T	4	T
PT0004A	Serial No.for carton	3	
PR0373	Sticker C		

Page 22

ADJUSTMENT
DJ-C1T/C1E

1) Settings

Power supply voltage 4.0V DC

Item	Procedure	Set to
1. Reference voltage	Tune in 144.95 MHz and set P/D voltage to 1.7 V. (VCO case attached) Adjust L214	1.7 +/- 0.1 V
2. Reference frequency	Transmit on 145.05 MHz and set reference frequency to 145.05 MHz. Adjust TC202	145.05 MHz +/- 0.5 Hz
3. Transmission power	Transmit on 145.05 MHz and set transmission power to 300 mW. Adjust VR201	300 mW +/-20 mW
4. MIC modulation deviation	Transmit on 145.05 MHz and input a 1 kHz - 50 mV Bow-frequency signal to the MIC input pin. Then, set modulation to 4.5 kHz. Adjust VR202	4.5 +/-0.1 kHz

2) Checks

| Item	Requirement	Factory-clearance
1. Transmission frequency	145.05 MHz +/-200 Hz	+/- 500 Hz
2. Transmission power	On 145.05 MHz transmission frequency 300 mW +/-30 mW	Same as on left
3. Modulation Deviation	On 145.05 MHz transmission frequency 'With 1kHz - 50mV AF signal 4.5 kHz +/- 0.2 kHz · With 67/250.4 Hz tone frequency 0.4 ~ 1.2kHz ·With 1750 Hz tone burst (E/EA specification only) 2.4 ~ 3.6 kHz	Same as on left Same as on left Same as on left
4. Spurious emission	On 145.05 MHz transmission frequency Max. -55 dB	Same as on left
5. Transmission S/N	On 145.05 MHz transmission frequency Min. 33dB (Measuring instrument's audio filter OFF at 0.3 ~ 3 kHz)	Same as on left
6. Reception sensitivity	On 144.95 MHz reception frequency FM Max. -9dBp (EMF) (12 dB SINAD) On l29.95 MHz reception frequency AM Max. 5 dBLl (EMF) (10dB S/N)	Same as on left Same as on left
7. Audio (32 ohm)	· Volume-control VR7 Distortion Max. 4% · Volume-control VR8 Output Min. 20 mW	Same as on left Same as on left
8. Reception S/N	On 144.95 MHz reception frequency Min. 40dB	Same as on left
9. Unwanted radiation	On 145.995 MHz reception frequency -55 dB and below	Same as on left
10. Squelch	a) Squelch fully opens at 0 level. b) Squelch opens when receiving -8 dBp reference signal at squelch level 2.	Same as on left Same as on left

DJ-C4T/C4E/C4C

1) Settings
   Power supply voltage 4.0V DC For

   T-version F1 = 445.05MHz F2 = 444.95MHz
   E-version FI =435.05MHz F2=434.95MHz
   C-version F1 =433.90MHz F2=433.80MHz

Item	Procedure	Set to
1. Reference frequency	Transmit on F1 and set reference frequency to F1 Adjust TC201	F1 +/- 100Hz
2. Transmission power	Transmit on F1 and set transmission power to 300 mW*. Adjust VR201	300mW +/- 20mW 10mW +/- 2mW(DJ-C4C)
3. MIC modulation deviation	Transmit on F1 and input a 1 kHz - 50mV AFsignal to the MIC input pin. Then, set modulation to 4.5 kHz. Adjust VR202	4.5 kHz +/- 0.1 kHz

2) Checks

Item	Requirement	Factory-clearance
1. Transmission frequency	F1 +/- 500Hz	+/- 1 kHz
2. Transmission power	On F1 transmission frequency 300mW* +/-30mW	Same as on left
3. Modulation Deviation	On F1 transmission frequency *With 1 kHz-50 mV AF signal 4.5 kHz +/- 0.2 kHz	Same as on left
	* With 67/250.4 Hz CTCSS tone frequency 0.4 ~ 1.2kHz	Same as on left
	*With 1750 Hztone burst (E/EA versions only) 2.4 ~ 3.6 kHz	Same as on left
4. Spurious emission	On F1 transmission frequency Max. -55 dB	Same as on left
5. Transmission S/N	On F1 transmission frequency Min. 33 dB (Measuring instrument's audio filter OFF at 0.3 ~ 3kHz)	Same as on left
6. Reception sensitivity	*On F2 reception frequency FM Max. -8 dBp (EMF)	Same as on left
7. Audio (32 ohm)	* Volume-control VR7 Distortion Max. 4%	Same as on left
	* Volume-control VR8 Output Min. 20 mW	Same as on left
8. Reception S/N	On F2 reception frequency Min. 40 dB	Same as on left
9. Unwanted radiation	On F2 reception frequency -55 dB and below	Same as on left
10. Squelch	a) Squelch fully opens at 0 level. b) Squelch opens when receiving -8 dB reference signal at squelch level 2.	Same as on left Same as on left

PC BOARD VIEW
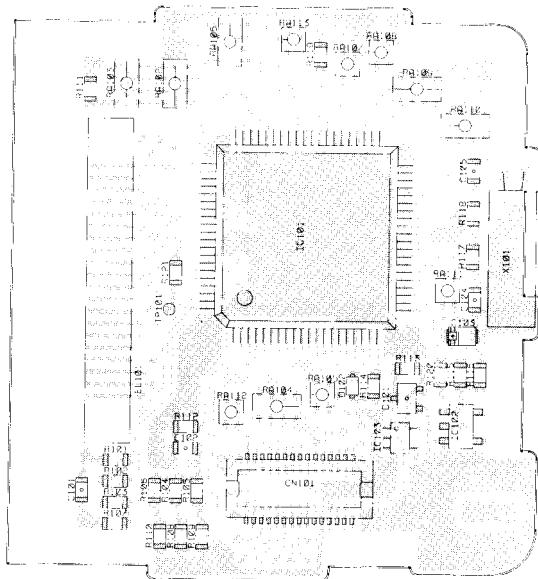
CPU Unit side A(DJ-C1)

CPU Unit side A(DJ-C1)

27
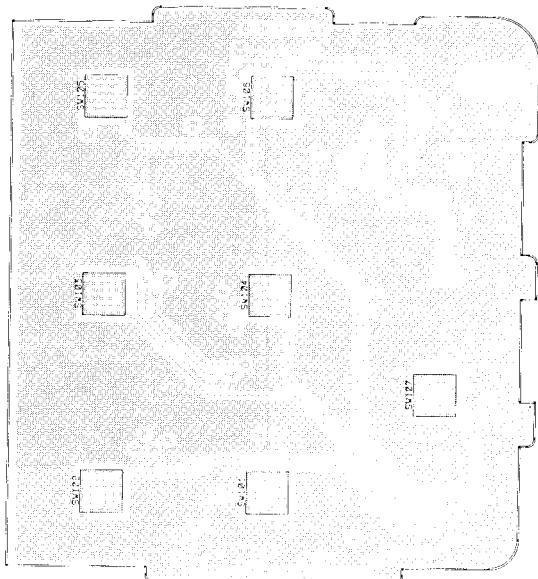
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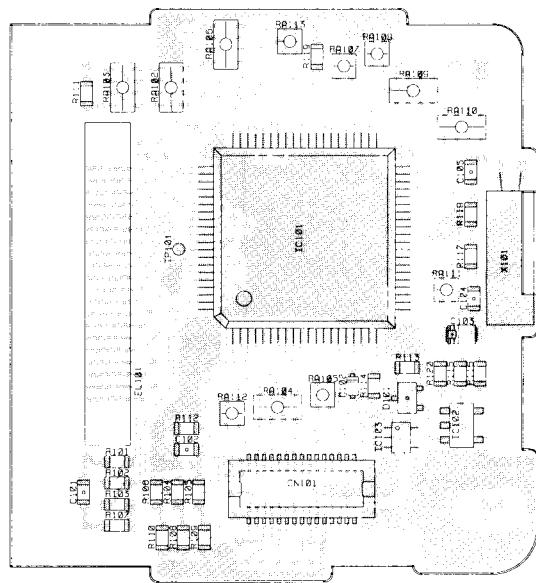
CPU Unit side B(DJ-C4)
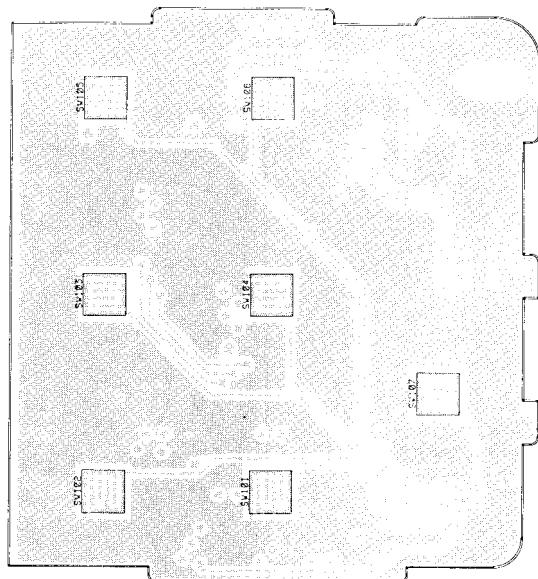
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29
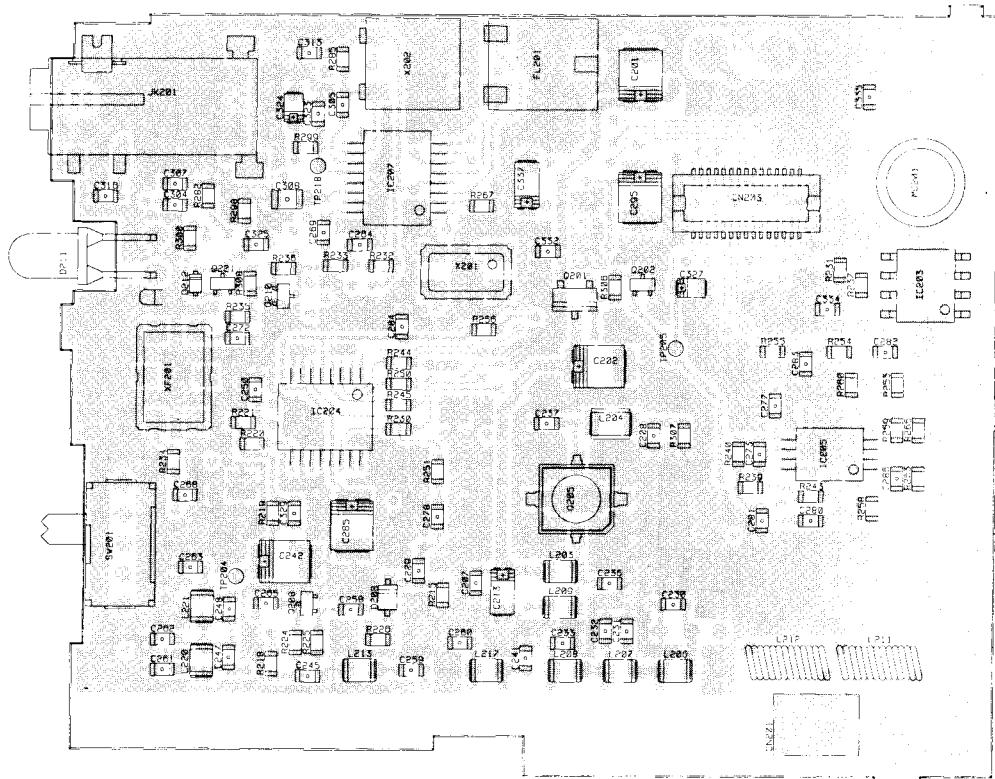
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30
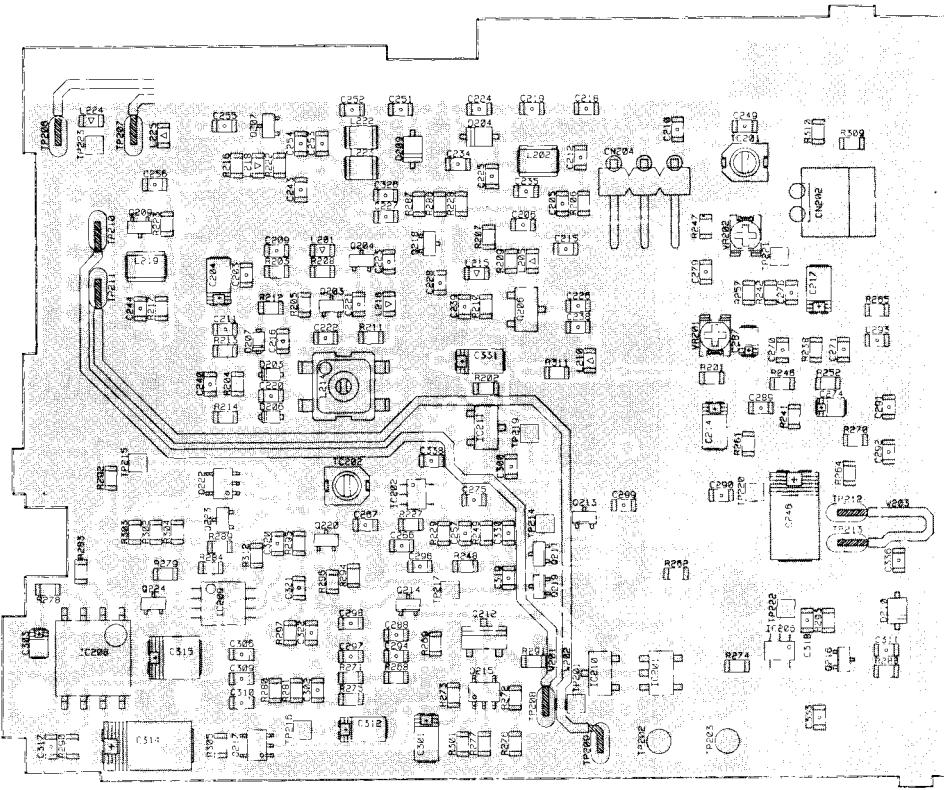
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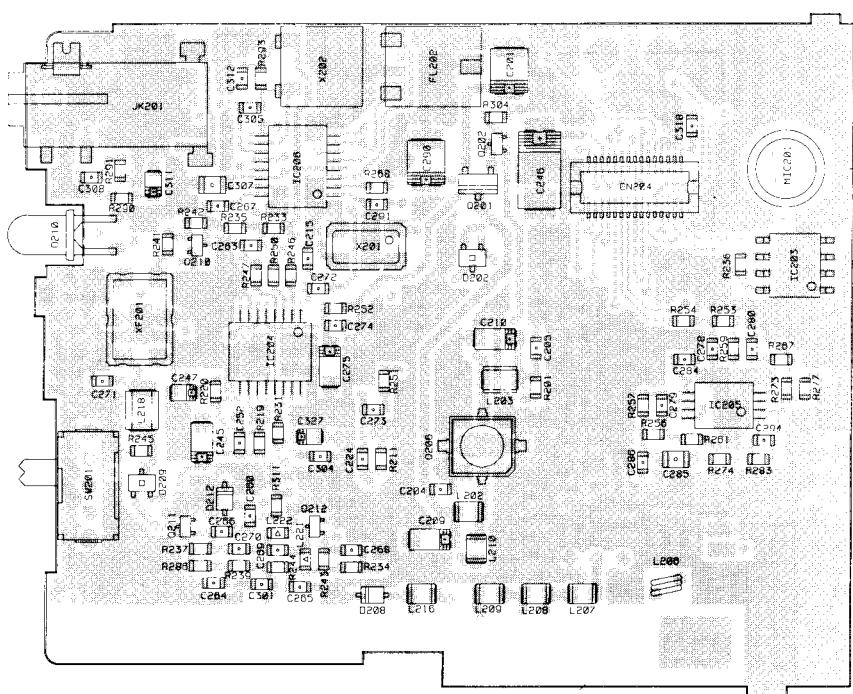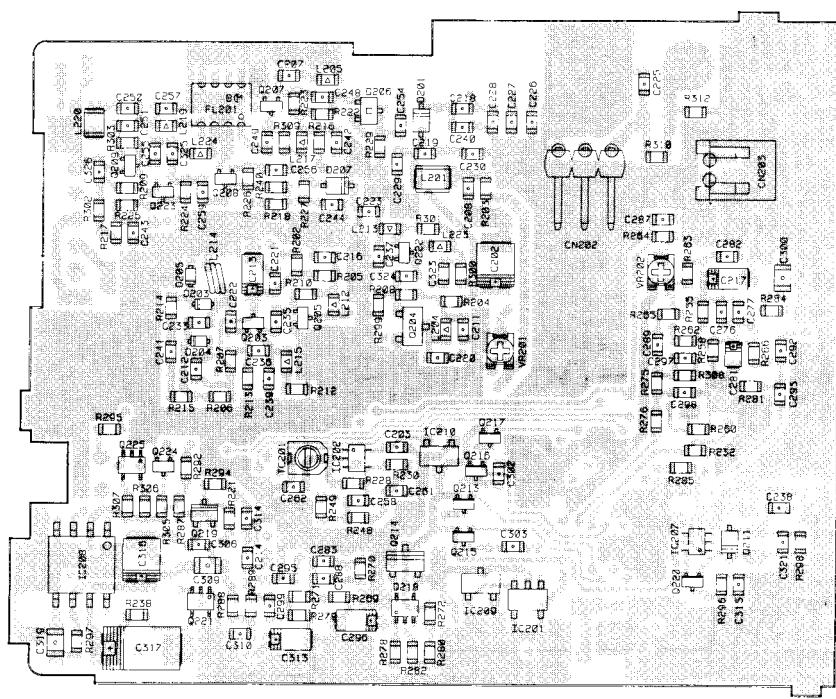
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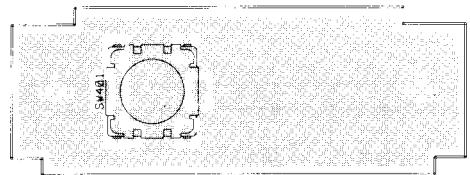
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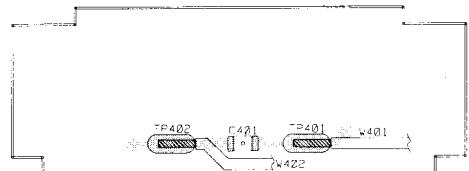
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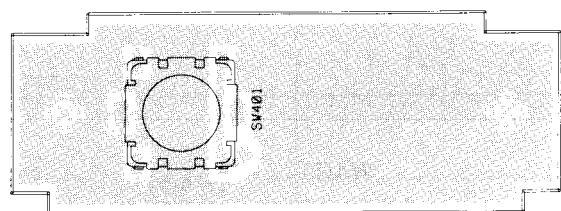
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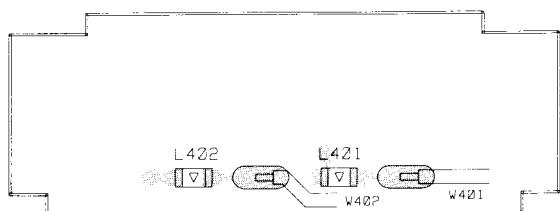
CIRCUIT DIGRAM
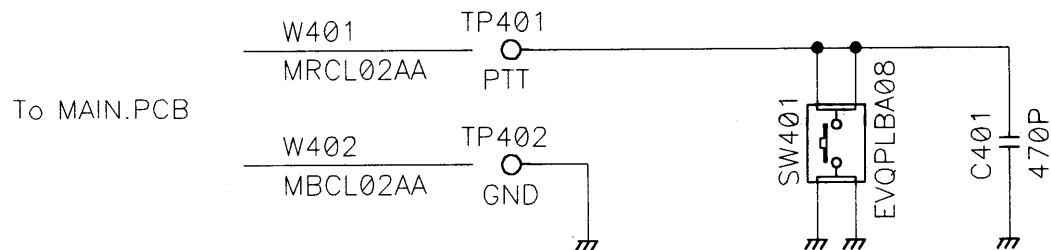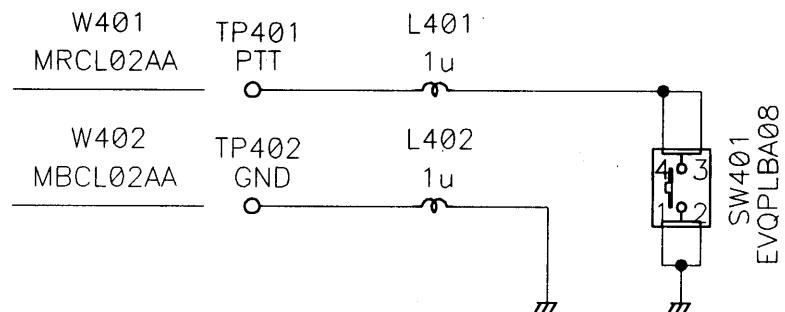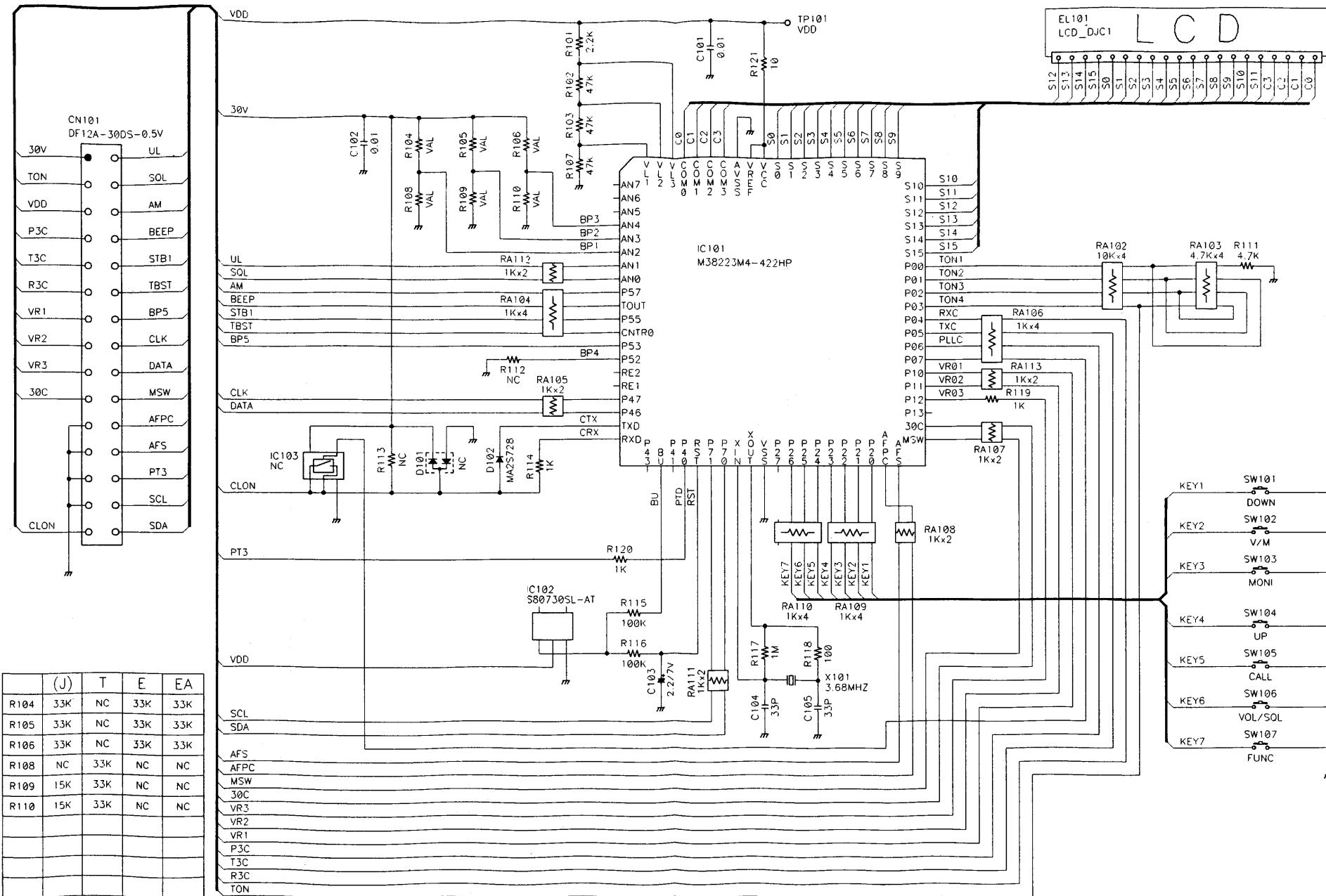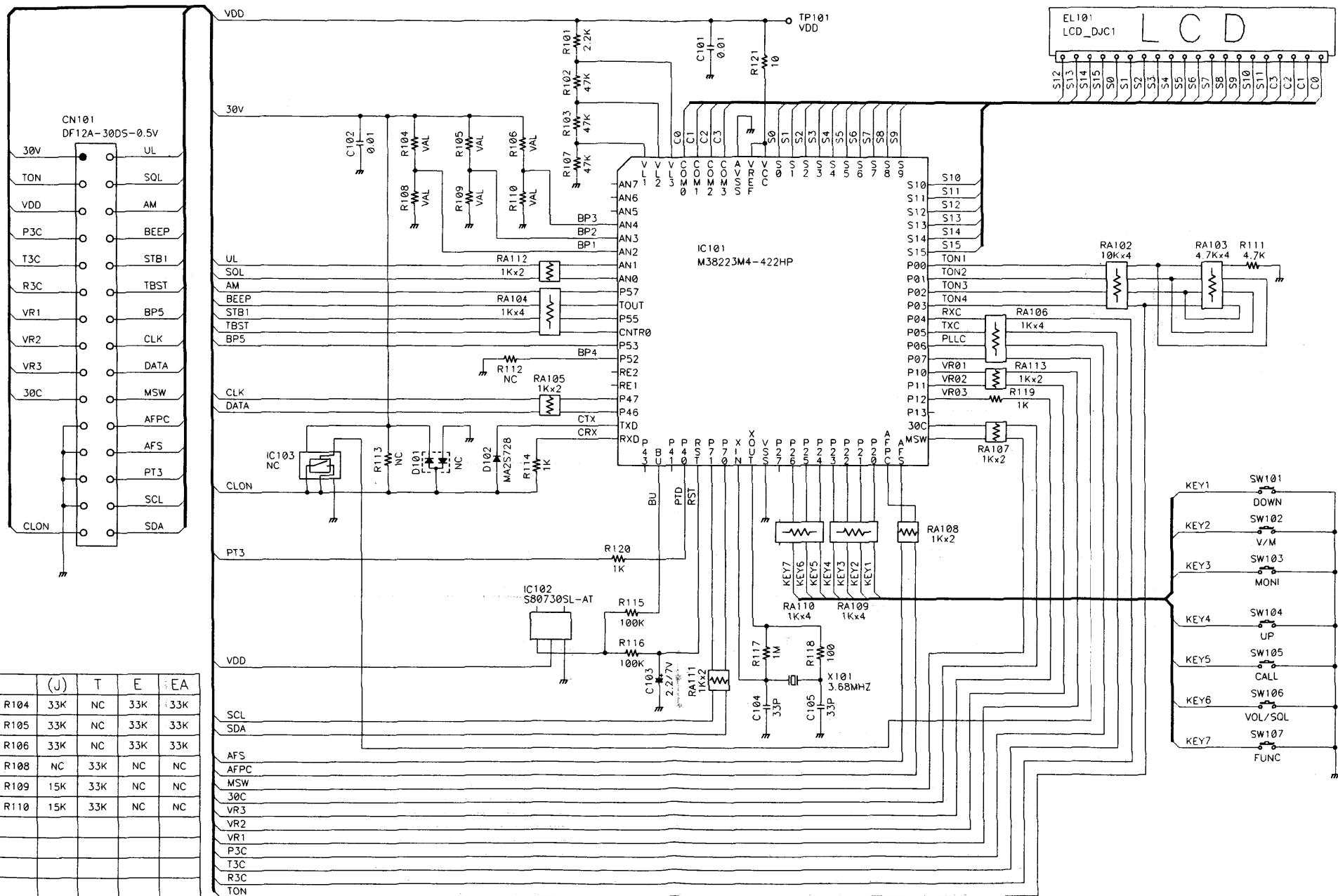
PTT Unit (DJ-C1)

To MAIN.PCB

W401
MRCL02AA

TP401
PTT

W402
MBCL02AA

TP402
GND

SW401
EVQPLBA08

C401
470P

PTT Unit (DJ-C4)

W401
MRCL02AA

TP401
PTT

L401
1u

W402
MBCL02AA

TP402
GND

L402
1u

SW401
EVQPLBA08

CPU Unit (DJ-C1)

EL101
LCD_DJC1

IC101
M38223M4-422HP

CN101
DF12A-30DS-0.5V

	(J)	T	E	EA
R104	33K	NC	33K	33K
R105	33K	NC	33K	33K
R106	33K	NC	33K	33K
R108	NC	33K	NC	NC
R109	15K	33K	NC	NC
R110	15K	33K	NC	NC
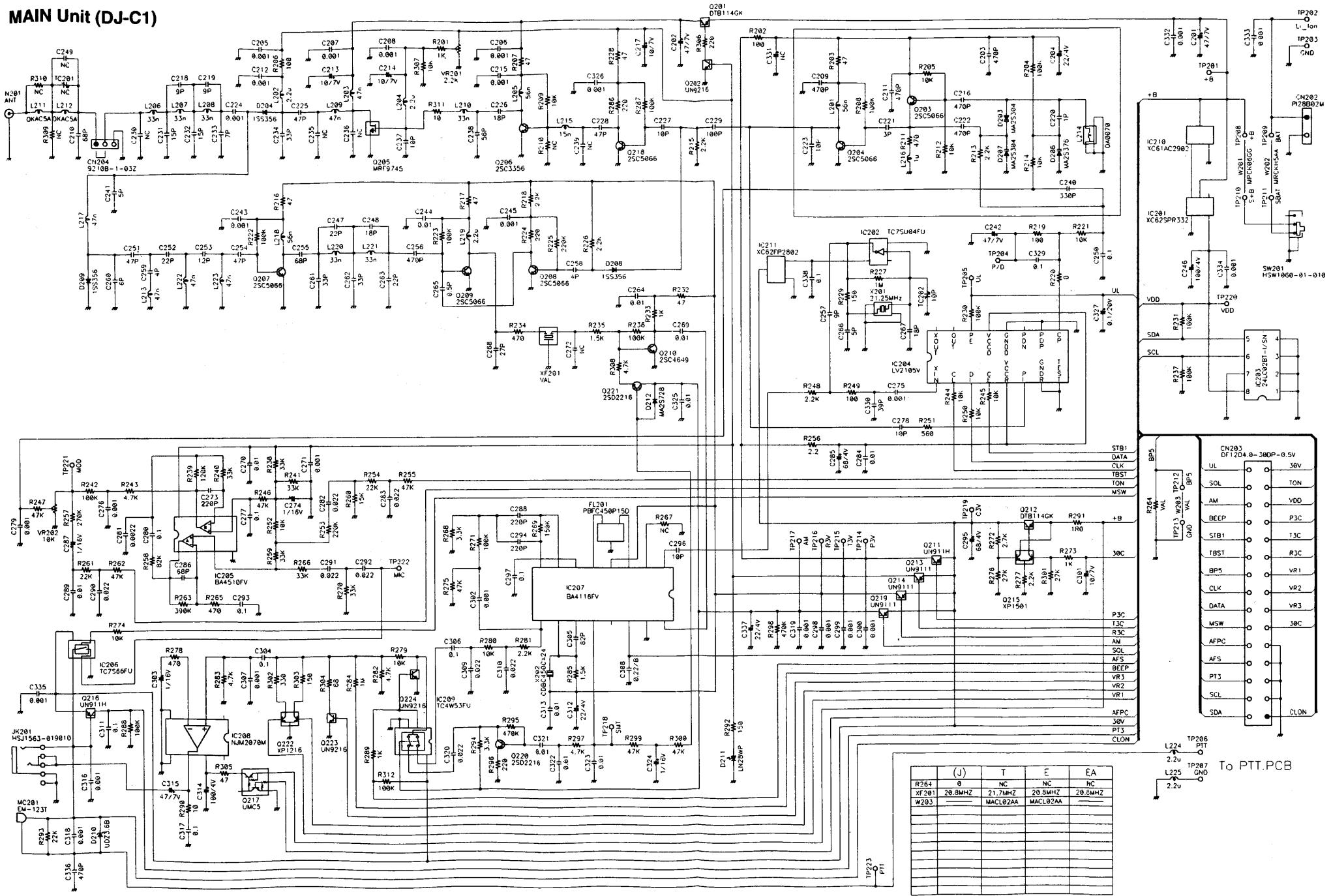
CPU Unit (DJ-C1)

MAIN Unit (DJ-C1)

MAIN Unit (DJ-C4)
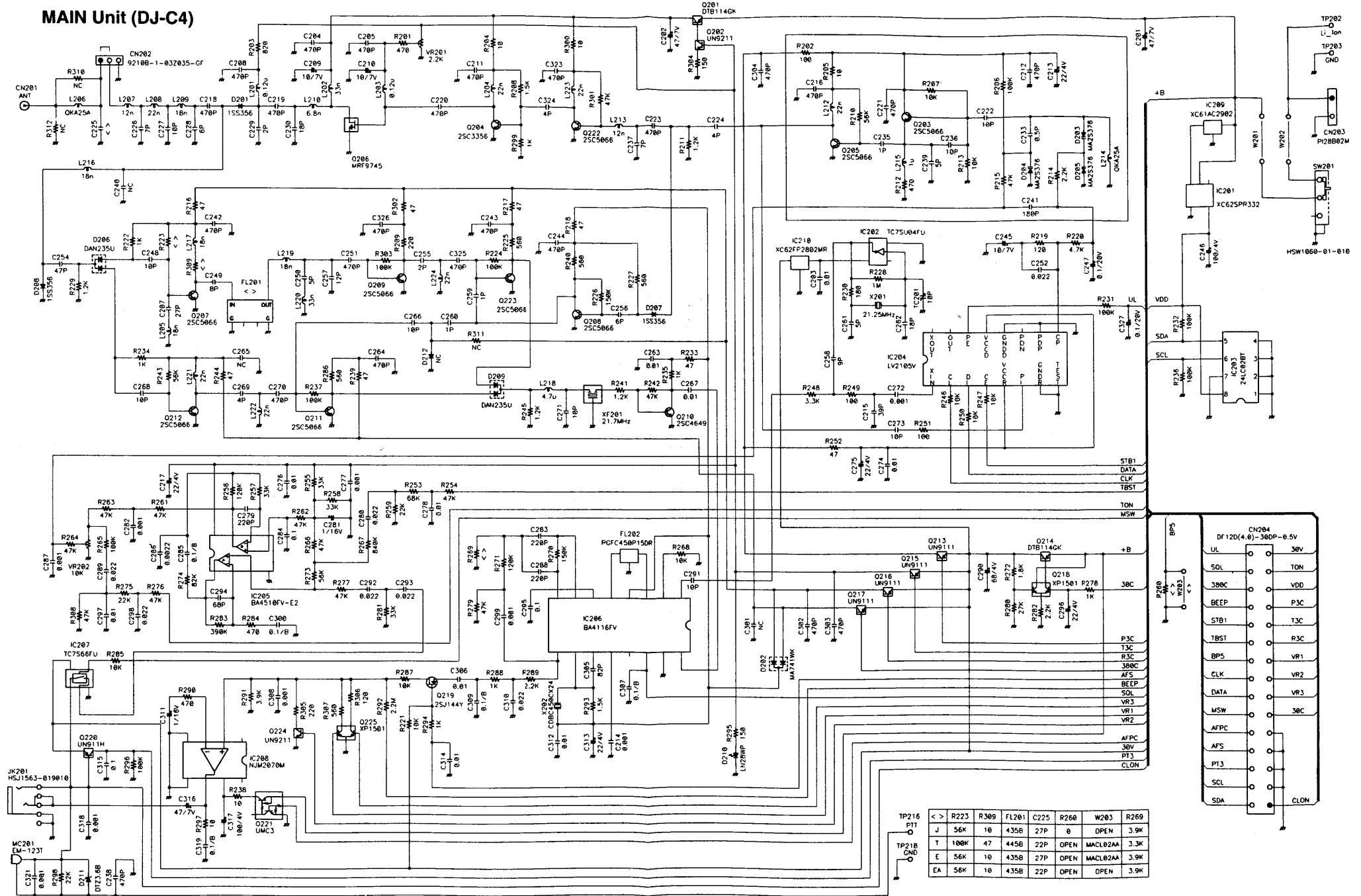
BLOCK DIAGRAM (DJ-C1)

BLOCK DIAGRAM (DJ-C4)