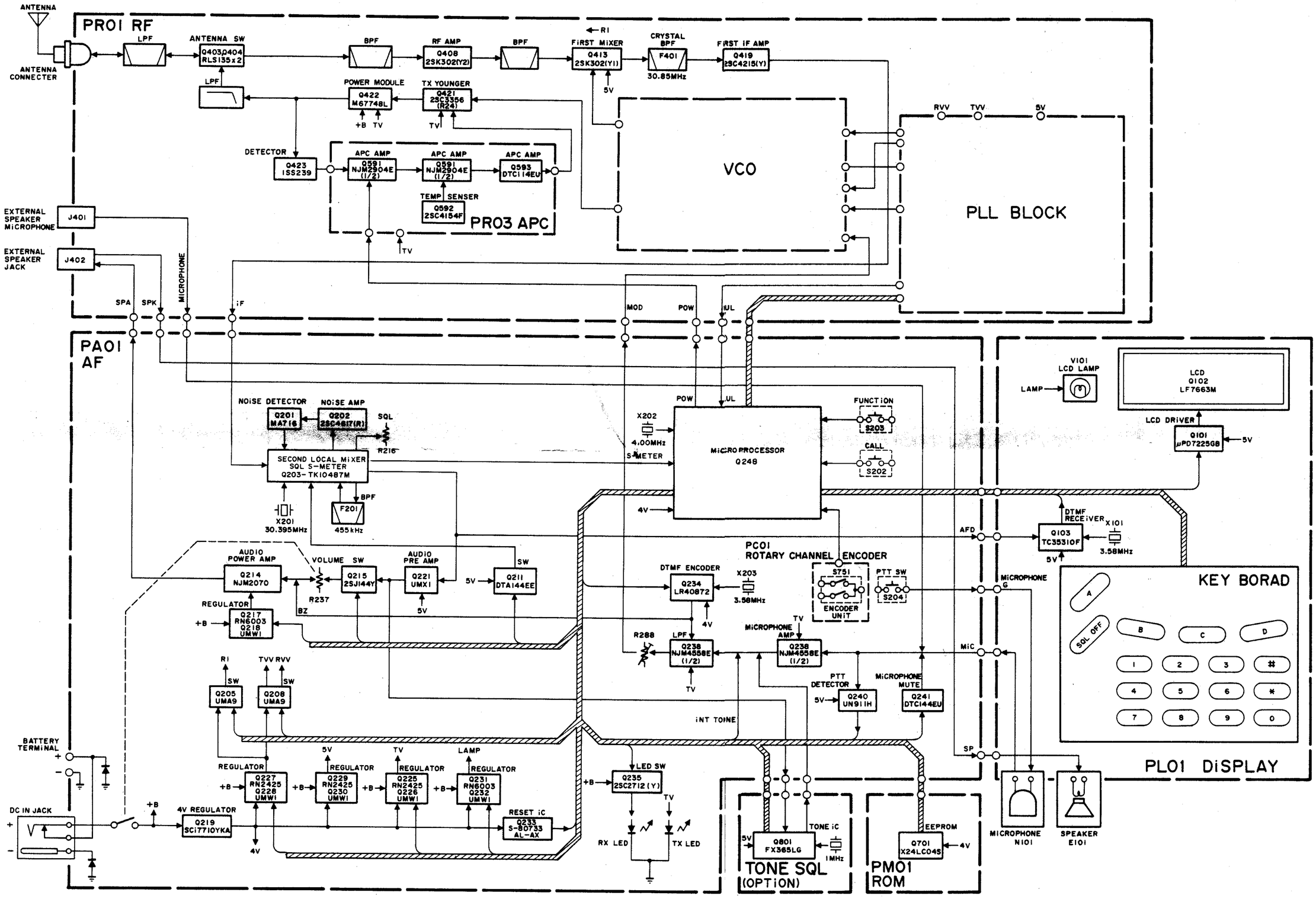
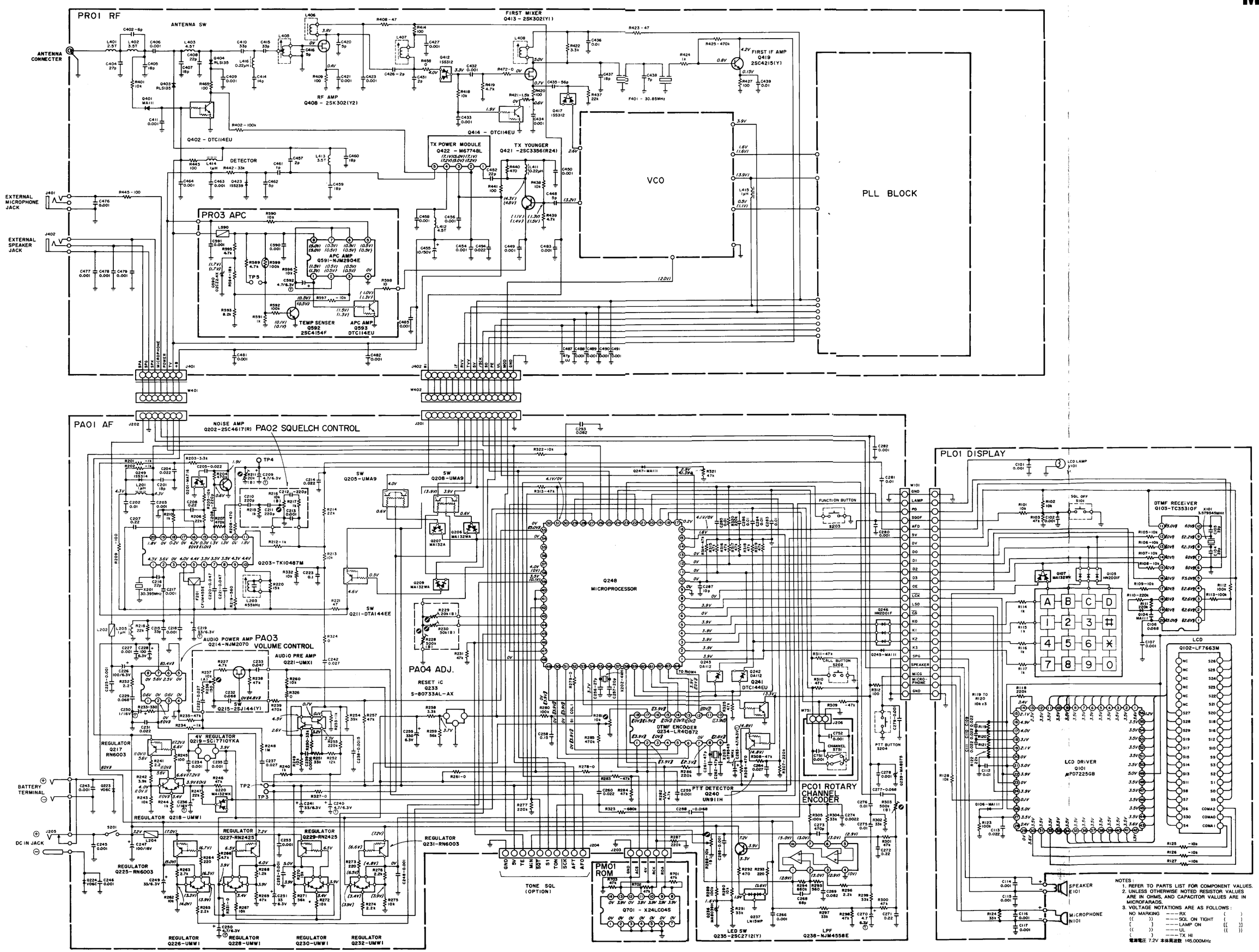
ブロック図


ANTENNA
ANTENNA CONNECTER
PR01 RF
LPF
ANTENNA SW
Q403,Q404 RLS135x2
BPF
RF AMP
Q408 2SK302(Y2)
BPF
FIRST MIXER
Q413 2SK302(Y1)
CRYSTAL BPF
F401
30.85MHz
FIRST IF AMP
Q419 2SC4215(Y)
POWER MODULE
Q422 M67748L
TX YOUNGER
Q421 2SC3356 (R24)
DETECTOR
Q423 1SS239
APC AMP
Q591 NJM2904E (1/2)
APC AMP
Q591 NJM2904E (1/2)
APC AMP
Q593 DTC114EU
TEMP SENSER
Q592 2SC4154F
PR03 APC
VCO
PLL BLOCK
RVV
TVV
5V
EXTERNAL SPEAKER MICROPHONE
J401
EXTERNAL SPEAKER JACK
J402
MICROPHONE
SPA
SPK
IF
MOD
POW
UL
PA01 AF
NOISE DETECTOR
Q201 MA716
NOISE AMP
Q202 2SC4617(R)
SQL
R216
SECOND LOCAL MIXER SQL S-METER Q203-TK10487M
X201 30.395MHz
BPF
F201
455kHz
X202 4.00MHz
S-METER
MICROPROCESSOR Q248
FUNCTION
S203
CALL
S202
4V
VI01 LCD LAMP
LAMP
LCD Q102 LF7663M
LCD DRIVER
Q101 μPD7225GB
DTMF RECEIVER
Q103 TC35310F
X101 3.58MHz
AFD
AUDIO POWER AMP
Q214 NJM2070
VOLUME
R237
SW
Q215 2SJ144Y
AUDIO PRE AMP
Q221 UMX1
SW
Q211 DTA144EE
REGULATOR
Q217 RN6003 Q218 UMW1
BZ
PC01 ROTARY CHANNEL ENCODER
DTMF ENCODER
Q234 LR40872
X203 3.58MHz
S751
ENCODER UNIT
PTT SW
S204
MICROPHONE G
KEY BORAD
A
SQL OFF
B
C
D
1
2
3
#
4
5
6
*
7
8
9
0
R288
LPF
Q238 NJM4558E (1/2)
MICROPHONE AMP
Q238 NJM4558E (1/2)
MIC
PTT DETECTOR
Q240 UN911H
MICROPHONE MUTE
Q241 DTC144EU
INT TONE
Q205 UMA9
Q208 UMA9
BATTERY TERMINAL
REGULATOR
Q227 RN2425 Q228 UMW1
Q229 RN2425 Q230 UMW1
Q225 RN2425 Q226 UMW1
Q231 RN6003 Q232 UMW1
LAMP
LED SW
Q235 2SC2712(Y)
SP
PL01 DISPLAY
DC IN JACK
4V REGULATOR
Q219 SC1771OYKA
RESET IC
Q233 S-80733 AL-AX
RX LED
TX LED
TONE IC
Q801 FX365LG
1MHz
TONE SQL (OPTION)
EEPROM
Q701 X24LC04S
PM01 ROM
MICROPHONE N101
SPEAKER E101

回路図

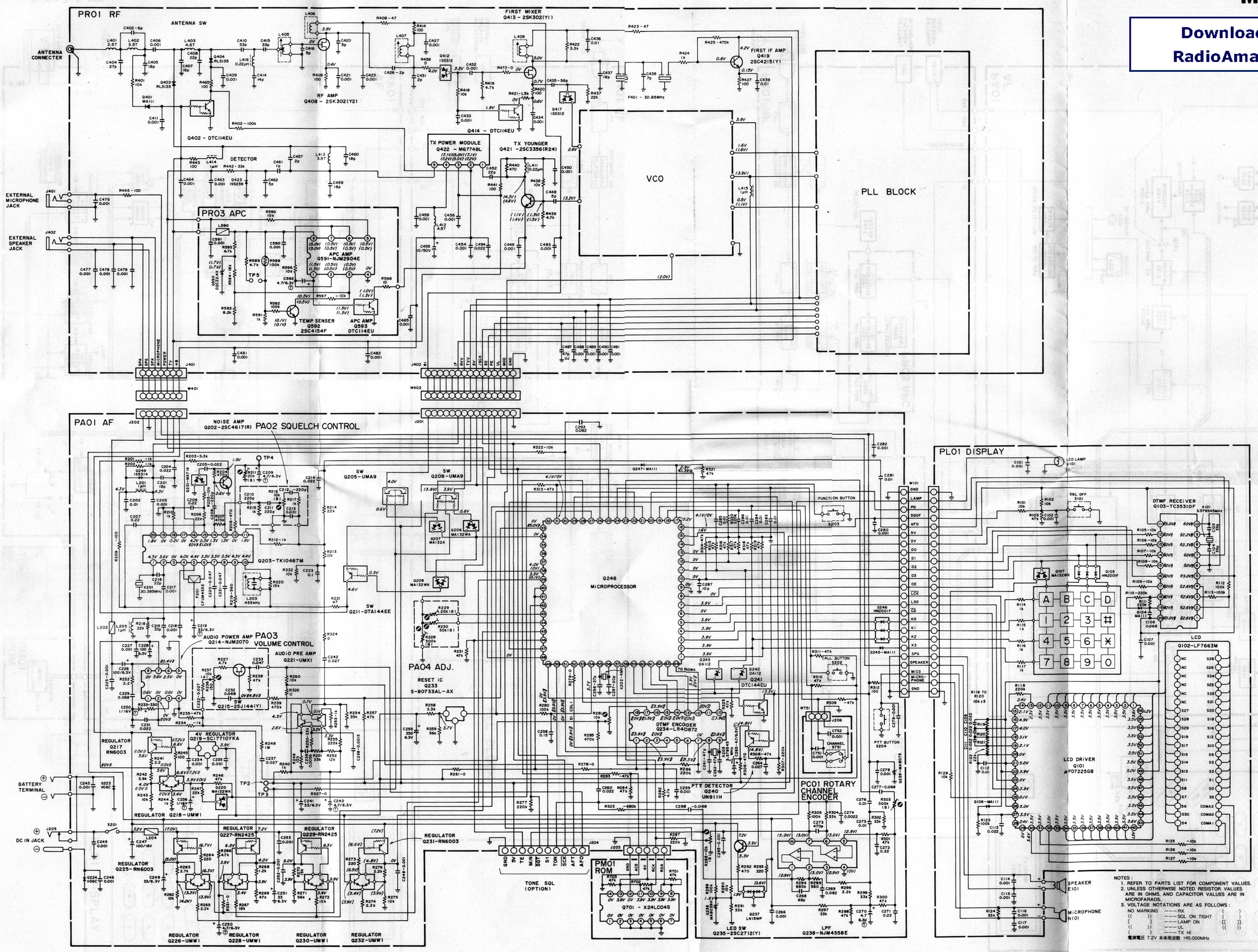
MODEL C160



123X856010

MODEL C160

Downloaded by
RadioAmateur.EU



NOTES :
1. REFER TO PARTS LIST FOR COMPONENT VALUES.
2. UNLESS OTHERWISE NOTED RESISTOR VALUES ARE IN OHMS, AND CAPACITOR VALUES ARE IN MICROFARADS.
3. VOLTAGE NOTATIONS ARE AS FOLLOWS :

NO MARKING	---RX	( )	---TX HI
(( ))	---SQL ON TIGHT	( )	---TX LOW
[ ]	---LAMP ON	[[ ]]	---DTMF エンコード時
(( ))	---UL	(( ))	---DTMF デコード時
( )	---TX HI		

電源電圧 7.2V 本体周波数 146.000MHz

123X856010