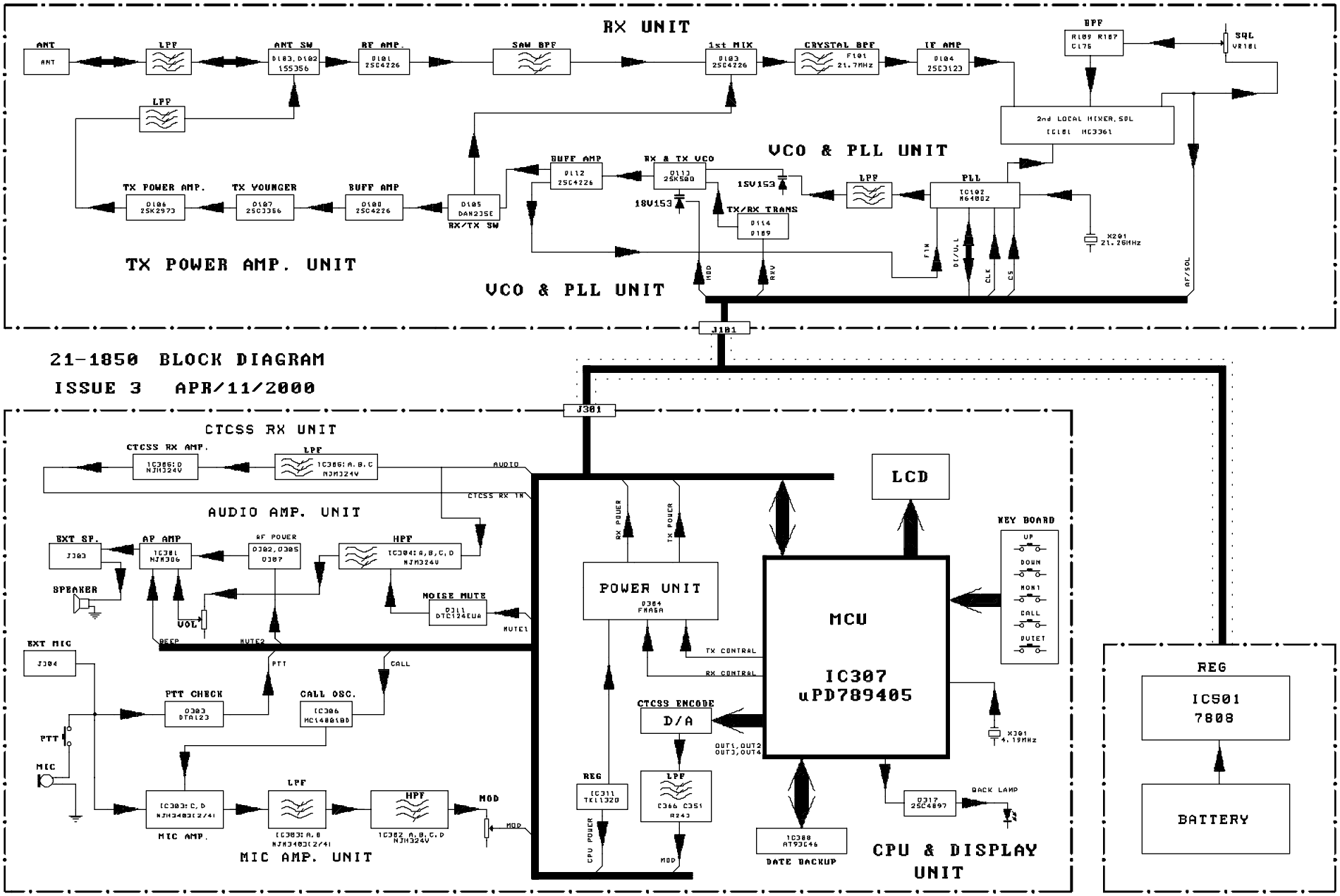
RX UNIT
ANT
LPF
ANT SW
D183, D182
1SS356
RF AMP.
D101
2SC4226
SAW BPF
1st MIX
D103
2SC4226
CRYSTAL BPF
F101
21.7MHz
IF AMP
D104
2SC3123
BPF
R109 R187
C175
SQL
VR181
2nd LOCAL MIXER, SQL
IC181 MC3361
VCO & PLL UNIT
BUFF AMP
D112
2SC4226
RX & TX VCO
D113
2SK580
1SV153
1SV153
TX/RX TRANS
D114
D189
LPF
PLL
IC107
M64082
X201
21.26MHz
TX POWER AMP.
D106
2SK2973
TX YOUNGER
D107
2SC3356
BUFF AMP
D108
2SC4226
D105
DAN235E
RX/TX SW
TX POWER AMP. UNIT
VCO & PLL UNIT
MOD
RXV
FIN
DI/VOL
CLK
CS
AF/SQL
J101
21-1850 BLOCK DIAGRAM
ISSUE 3 APR/11/2000
J301
CTCSS RX UNIT
CTCSS RX AMP.
IC306:D
NJM324V
LPF
IC306:A,B,C
NJM324V
AUDIO
CTCSS RX IN
AUDIO AMP. UNIT
EXT SP.
J303
AF AMP
IC301
NJM386
AF POWER
D302, D305
D307
HPF
IC304:A,B,C,D
NJM324V
SPEAKER
VOL
NOISE MUTE
D311
DTC124EUA
MUTE1
BEEP
MUTE2
EXT MIC
J304
PTT
CALL
PTT CHECK
D303
DTA123
CALL OSC.
IC306
MC14801BD
PTT
MIC
IC303:C,D
NJM4403(2/4)
MIC AMP.
LPF
IC303:A,B
NJM4403(2/4)
HPF
IC302 A,B,C,D
NJM324V
MOD
MOD
MIC AMP. UNIT
RX POWER
TX POWER
POWER UNIT
D304
FMA6A
TX CONTRAL
RX CONTRAL
CTCSS ENCODE
D/A
OUT1, OUT2
OUT3, OUT4
REG
IC311
TK11320
CPU POWER
LPF
C366 C351
R243
MOD
LCD
MCU
IC307
uPD789405
KEY BOARD
UP
DOWN
MON1
CALL
OUTET
X301
4.19MHz
D317
2SC4897
BACK LAMP
IC308
AT93C46
DATE BACKUP
CPU & DISPLAY UNIT
REG
IC501
7808
BATTERY