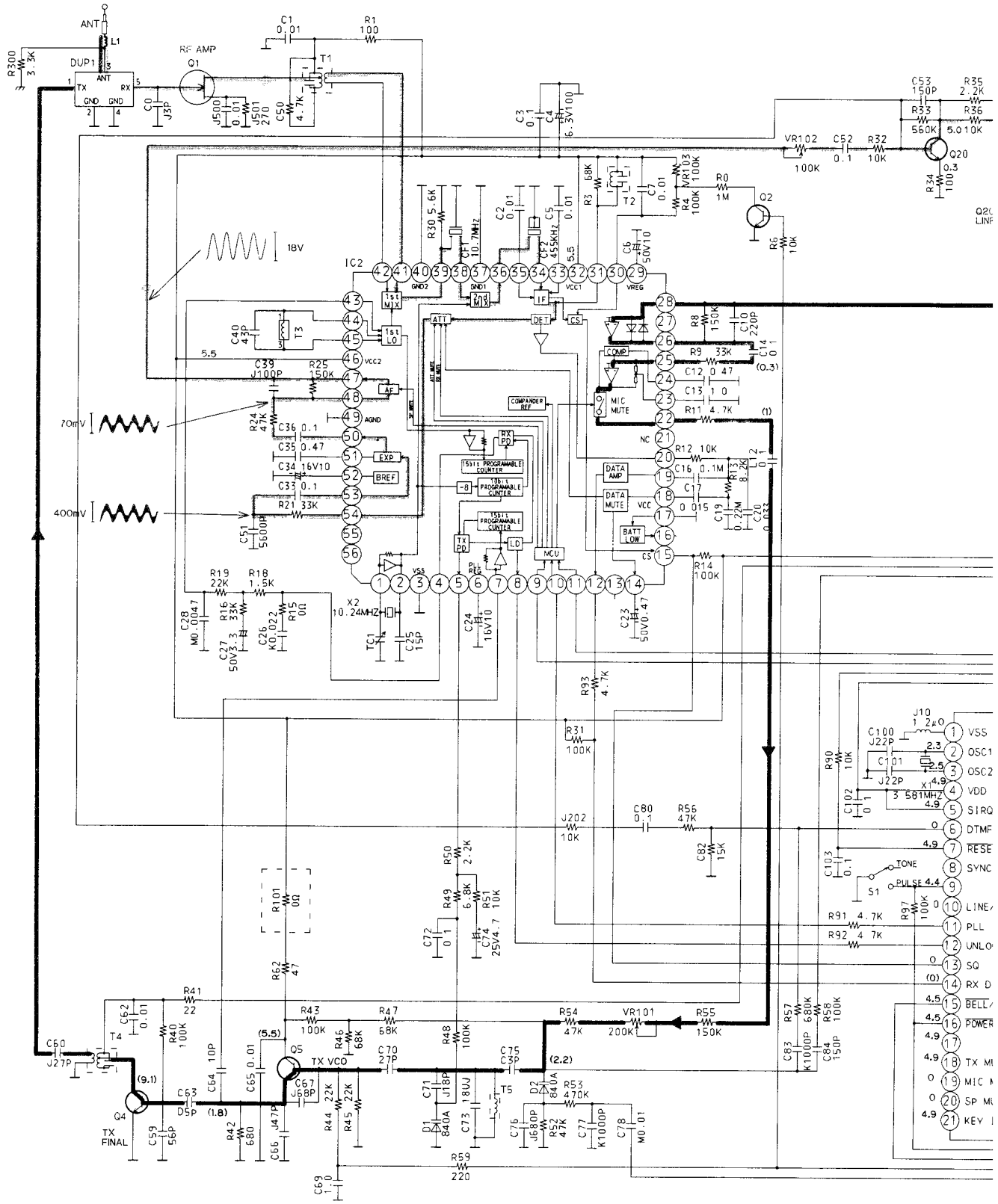
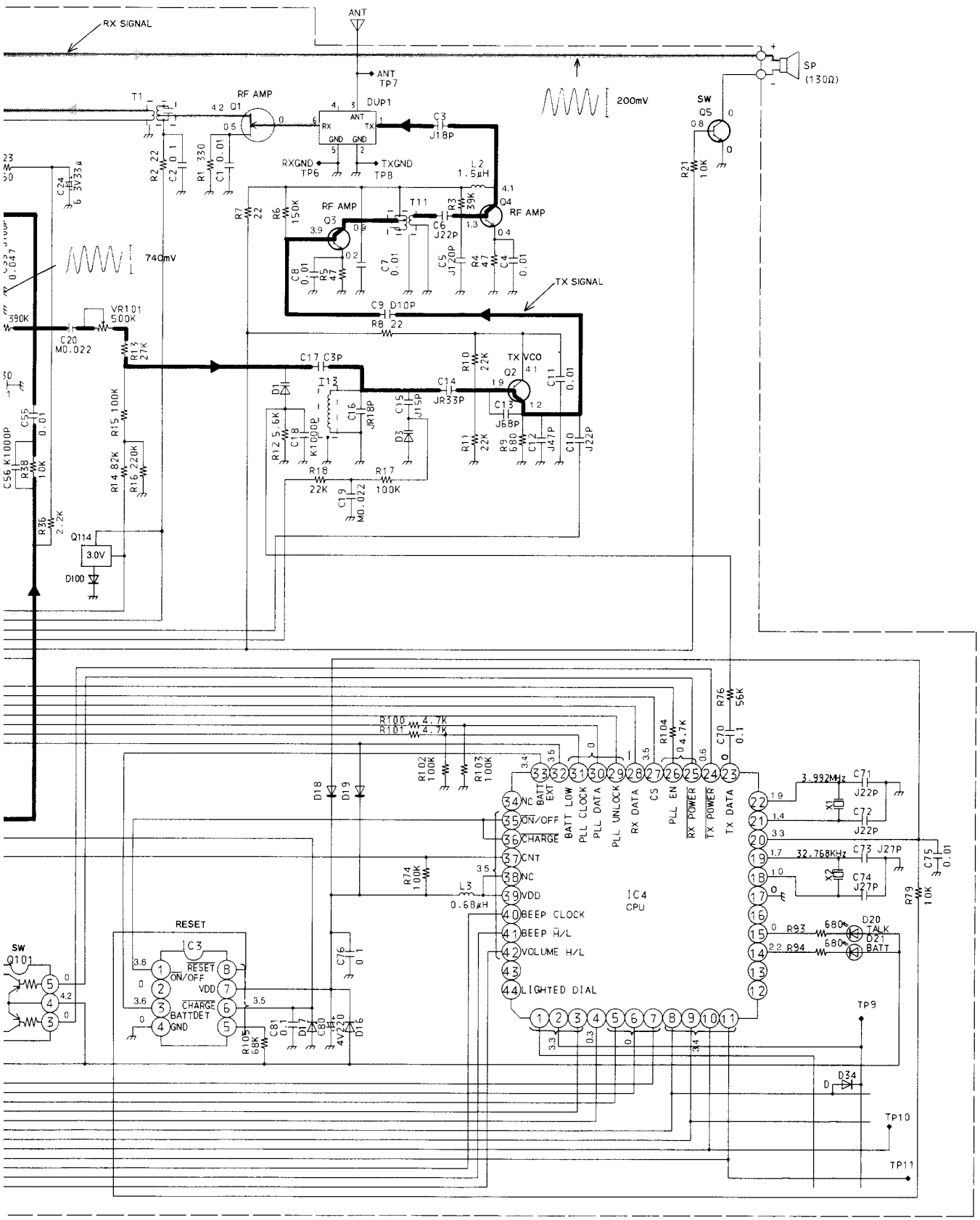
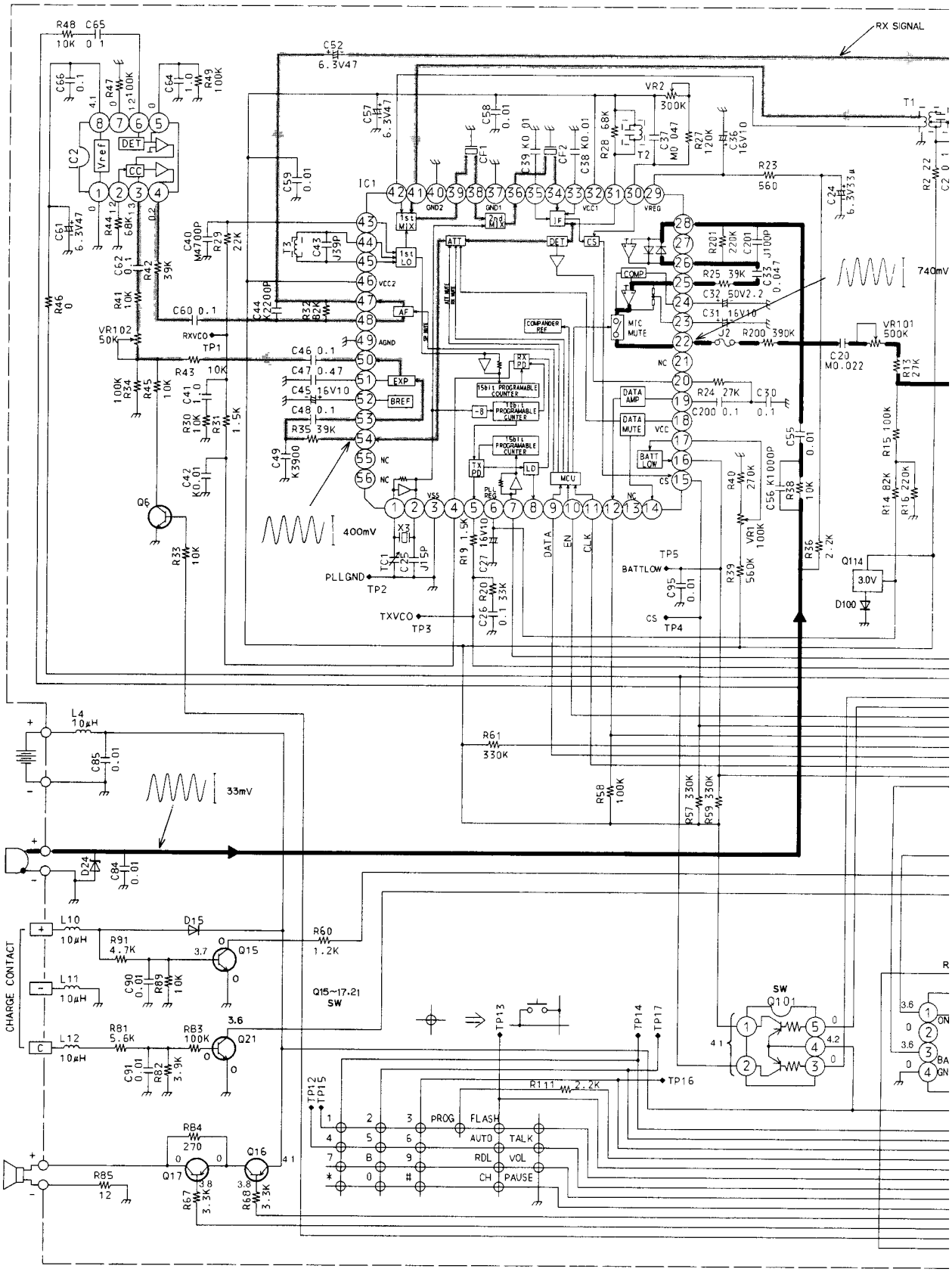
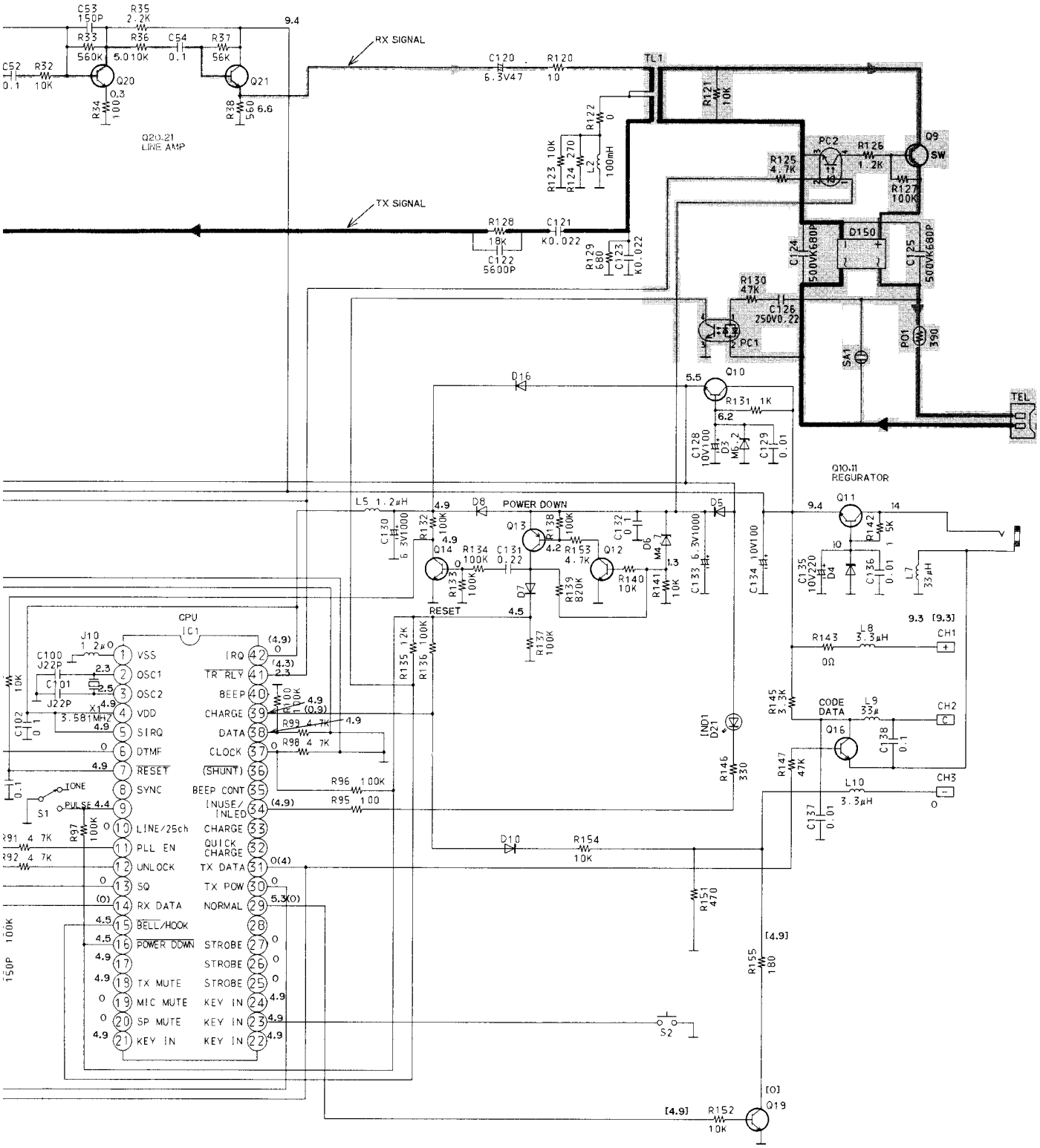
Схема радиотелефона PANASONIC KX-T3908-B




RX SIGNAL
ANT
ANT TP7
SP (130Ω)
200mV
T1
RF AMP
Q1
DUP1
C3 J18P
SW Q5
RXGND TP6
TXGND TP8
L2 1.5μH
R21 10K
R7 22
R6 150K
RF AMP Q3
T11
R3 39K
Q4 RF AMP
C6 J22P
C5 J120P
R4 47
C4 0.01
C8 0.01
R5 47
C7 0.01
740mV
TX SIGNAL
C9 D10P
R8 22
VR101 500K
C20 M0.022
R13 27K
C17 C3P
R10 22K
TX VCO Q2
C11 0.01
D1
T13
C14 JR33P
C16 JR18P
C15 J15P
C13 J68P
R12 5.6K
C18 K1000P
D3
R11 22K
R9 680
C12 J47P
C10 J22P
R18 22K
R17 100K
C19 M0.022
R15 100K
R14 82K
R16 220K
C55 0.01
C56 K1000P
R38 10K
R36 2.2K
Q114
3.0V
D100
R76 56K
C70 0.1
R100 4.7K
R101 4.7K
R104 4.7K
R102 100K
R103 100K
D18
D19
BATT EXT
BATT LOW
PLL CLOCK
PLL DATA
PLL UNLOCK
RX DATA
CS
PLL EN
RX POWER
TX POWER
TX DATA
NC
ON/OFF
CHARGE
CNT
NC
VDD
BEEP CLOCK
BEEP H/L
VOLUME H/L
LIGHTED DIAL
IC4 CPU
3.992MHz
C71 J22P
X1
C72 J22P
32.768KHz
C73 J27P
X2
C74 J27P
C75 0.01
R79 10K
R74 100K
L3 0.68μH
D20 TALK
D21 BATT
R93 680
R94 680
RESET
IC3
RESET
ON/OFF
VDD
CHARGE
BATTDET
GND
SW Q101
R105 68K
C81 0.1
D17
C80 4V220
D16
C76 0.1
TP9
D34
TP10
TP11


RX SIGNAL
IC1
IC2
Q6
Q15
Q16
Q17
Q21
Q101
Q114
T1
T2
T3
VR2
VR101
VR102
TP1
TP2
TP3
TP4
TP5
TP12
TP13
TP14
TP15
TP16
TP17
PLLGND
TXVCO
RXVCO
BATTLOW
CS
DATA
EN
CLK
MCU
PROG
FLASH
AUTO
TALK
RDL
VOL
CH
PAUSE
CHARGE CONTACT
Q15~17.21
SW
740mV
400mV
33mV
3.0V


RX SIGNAL
TX SIGNAL
Q20-21
LINE AMP
Q10-11
REGURATOR
POWER DOWN
RESET
CPU
IC1
VSS
OSC1
OSC2
VDD
SIRQ
DTMF
RESET
SYNC
LINE/25ch
PLL EN
UNLOCK
SQ
RX DATA
BELL/HOOK
POWER DOWN
TX MUTE
MIC MUTE
SP MUTE
KEY IN
IRQ
TR RLY
BEEP
CHARGE
DATA
CLOCK
(SHUNT)
BEEP CONT
(NUSE/
(NLED)
CHARGE
QUICK
CHARGE
TX DATA
TX POW
NORMAL
STROBE
STROBE
STROBE
KEY IN
KEY IN
KEY IN
CODE
DATA
TEL
TL1
CH1
CH2
CH3
S1
S2
X1
3.581MHZ