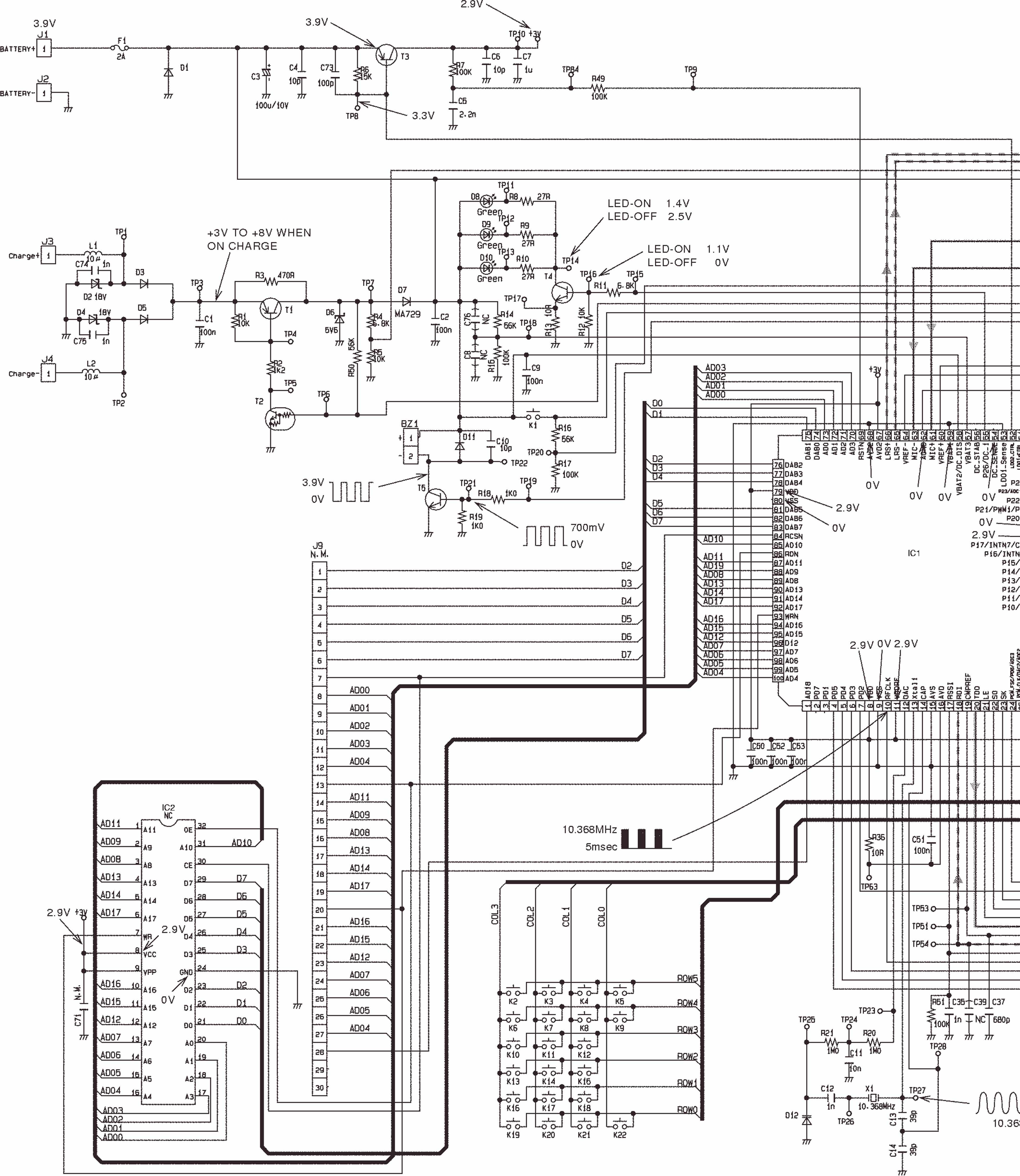
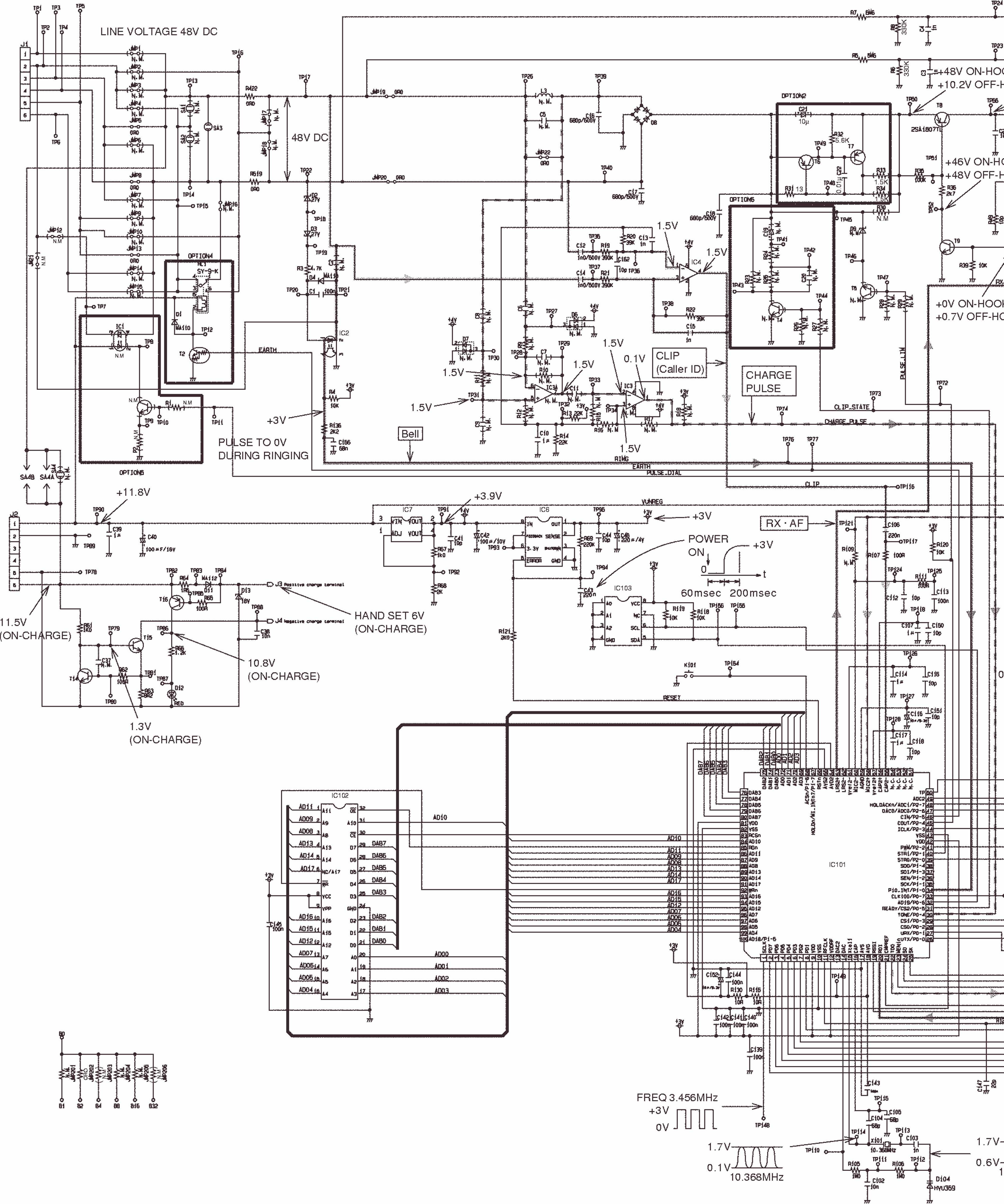

3.9V
J1
BATTERY+
J2
BATTERY-
F1
2A
D1
C3
100u/10V
C4
10p
C73
100p
R6
15K
T3
3.9V
3.3V
TP8
2.9V
TP10 +3V
C6
10p
C7
1u
R7
100K
C5
2.2n
TP84
R49
100K
TP9
J3
Charge+
L1
10μ
C74
1n
D2 18V
D3
D4
18V
D5
C75
1n
J4
Charge-
L2
10μ
TP1
TP2
+3V TO +8V WHEN
ON CHARGE
TP3
C1
100n
R3
470R
R1
10K
T1
TP4
R2
1K2
TP5
T2
TP6
D6
5V6
TP7
R4
6.8K
R50
56K
R5
10K
D7
MA729
C2
100n
D8
Green
TP11
R8
27R
D9
Green
TP12
R9
27R
D10
Green
TP13
R10
27R
T4
TP14
LED-ON 1.4V
LED-OFF 2.5V
LED-ON 1.1V
LED-OFF 0V
TP16
TP15
R11
6.8K
TP17
R13
10R
R12
10K
C76
NC
R14
56K
TP18
C8
NC
R15
100K
C9
100n
K1
R16
56K
TP20
R17
100K
BZ1
D11
C10
10p
TP22
T5
TP21
R18
1K0
TP19
R19
1K0
3.9V
0V
700mV
0V
J9
N.M.
IC1
AD03
AD02
AD01
AD00
D0
D1
D2
D3
D4
D5
D6
D7
AD10
AD11
AD19
AD08
AD13
AD14
AD17
AD16
AD15
AD12
AD07
AD06
AD05
AD04
2.9V
0V
2.9V 0V 2.9V
C50
C52
C53
100n
10.368MHz
5msec
R35
10R
C51
100n
TP63
TP53
TP51
TP54
IC2
NC
2.9V
+3V
N.M.
C71
0V
COL3
COL2
COL1
COL0
ROW5
ROW4
ROW3
ROW2
ROW1
ROW0
K2
K3
K4
K5
K6
K7
K8
K9
K10
K11
K12
K13
K14
K15
K16
K17
K18
K19
K20
K21
K22
TP25
TP24
TP23
R21
1M0
R20
1M0
C11
10n
TP28
R61
100K
C35
1n
C39
NC
C37
680p
C12
1n
X1
10.368MHz
TP27
TP26
D12
C13
39p
C14
39p
10.36


LINE VOLTAGE 48V DC
48V DC
+48V ON-HOOK
+10.2V OFF-HOOK
+46V ON-HOOK
+48V OFF-HOOK
+0V ON-HOOK
+0.7V OFF-HOOK
OPTION2
OPTION4
OPTION5
OPTION6
EARTH
+3V
PULSE TO 0V
DURING RINGING
Bell
CLIP
(Caller ID)
CHARGE
PULSE
CLIP_STATE
CHARGE_PULSE
RING
PULSE_DIAL
PULSE_LIM
+11.8V
+3.9V
VUNREG
RX · AF
POWER
ON
60msec 200msec
11.5V
(ON-CHARGE)
HAND SET 6V
(ON-CHARGE)
10.8V
(ON-CHARGE)
1.3V
(ON-CHARGE)
RESET
IC101
IC102
IC103
IC2
IC3
IC4
IC6
IC7
FREQ 3.456MHz
10.368MHz