



(NC)
TGND
TF
HS_MF
(NC)
SP_MF

TEL LINE

VD7
VD8
VD9
VD10

C11 47.0
C9 47.0

C12 10µv250v

C8 0.1
C6 0.1
C10 1n
R12 100K
R25 100K

VT4 KT502
VT3 KT3102
VT1 KT3102
VT2 KT3102

R24 6.8 K
R14 100K
R15 1 K
R13 22

VD11
VD12
R55 1 K
R57 100K
C15 0.1
C18 1n

C20 100.0
VT11 KT502
VT10 KT503
VT9 KT3102

VT6 KT940
VT5 KT940
VT7 KT940

VT12 KT315
VT8 KT315

VD15
VD14

BATTERY
5V

R2 220 K
R5 220 K
R4 330 K
R51 20 K
R1 4.7K
R48 4.7K
R3 620K
R56 100K
R40 300
R13 47K
R39 300
R47 300
R37 300
R38 300
R61 47K
R60 47K
R8 100 K
R7 220 K
R6 220 K
R30 47 K
R52 20 K
R54 47 K
R62 330 K
R10 330 K
R58 330K
R59 20K
R41 39K
R42 20K
R43 10K
R46 20K
R45 20K
R44 5.1K
R49 47K
R30 47K
C13 0.1
C4 0.1
C5 0.1
C2 0.1
C17 0.1
C14 22n
R22 20K
R43 10K
R46 20K
R45 20K
R44 5.1K
R49 47K
R30 47K

DD4 561LE5

DA1 LM324

DD7 555TM8

DD10 555TM8

DD11 155ID10

INDICATOR

DD3 24LC16

C1 22
C3 22
Q1 10MHz

DD2 80C31

DD6 27C512
DD1 74LS373

DD8 555TM8

DD9 555TM8

C21 0.1

R53 10K

8 x 68

R17
R19
R21
R20
R16
R18
R23
R22

R28 10 K
R36 10 K
R27 10 K

R34 47 K
R33 47 K
R32 47 K
R35 47 K

SOUND

SOLDER SIDE

SW1

1