J1
Conn_02x32_Row_Letter_First
INT GND
D7
D6
D5
D4
D3
D2
D1
D0
CSB
RST
STAT
INP
C4
C3
C1
OUT
CS
R/W
TREN
TRRQ
PRAC
PREN
VCC
U1
74LS273
U2
74LS240
U3
DM81LS95
U4
DM81LS96
U5
DM8131
U6
74LS373
RN8
1K
RN2
1K
RN11
1K
SW1
SW_DIP_x08
SW2
SW_DIP_x07
J2
Conn_02x25_Odd_Even
RN10
220
r10_4
r10_6
r10_7
U13D
74LS14
U14C
74LS32
U13B
74LS14
RN9
330
r9_7
r9_6
r9_4
U7A
74ALS08
U7D
74ALS08
U9B
74ALS08
U11D
74LS38
U9A
74ALS08
U9B
74ALS08
U16A
74LS74
U14B
74LS32
U11B
74LS38
U13C
74LS14
r9_7
r10_7
U8
74LS367
R13
1k
C1
1nF
D1
LED
R1
330
RN4
1K
rn4_2
rn4_3
rn4_8
rn4_10
U7B
74ALS08
U15B
74LS04
U7C
74ALS08
U12
74LS175
U16B
74LS74
U11C
74LS38
U11A
74LS38
U15A
74LS04
U10
74LS367
rn4_2
rn4_3
rn4_10
rn4_8
J3
Conn_01x03_Pin
U13A
74LS14
C2
220pF
R5
330 GND
U15F
74LS04
U14A
74LS32
12 and 13 swap on the pcb
U15D
74LS04
U13E
74LS14
U15E
74LS04
U13F
74LS14
U18D
74LS38
74LS32
U14D
R6
1k
U19D
74LS00
12 and 13 swap on the pcb
U18A
74LS38
U15C
74LS04
U19C
74LS00
U9C
74ALS08
U18C
74LS38
U18B
74LS38
INT
U19E
U18E
U15G
U9E
U7E
U11E
U13G
U14E
U16C
74LS00
74LS38
74LS04
74ALS08
74ALS08
74LS38
74LS14
74LS32
74LS74
C3 100nF
C4 100nF
C5 100nF
C6 100nF
C7 100nF
C8 100nF
C9 100nF
C10 100nF
C12 100nF
C13 100nF
C14 100nF
C15 100nF
C16 100nF
C17 100nF
C18 100nF
C19 100nF
C20 100nF
C11 47uF
U19A
74LS00
U19B
74LS00
VCC
PWR_FLAG
PWR_FLAG
GND

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