U1
PIC16F84A-04P

- MCLR (4)
- OSC1/CLKIN (16)
- OSC2/CLKOUT TOCKI/RA4 (15)
- VDD (14)
- VSS (5)
- RA0 (17)
- RA1 (18)
- RA2 (1)
- RA3 (2)
- RA4 (3)
- INT/RB0 (6)
- RB1 (7)
- RB2 (8)
- RB3 (9)
- RB4 (10)
- RB5 (11)
- RB6 (12)
- RB7 (13)

U3 ULN2003A
- I1 (1), I2 (2), I3 (3), I4 (4), I5 (5), I6 (6), I7 (7)
- COM (9)
- O1 (16), O2 (15), O3 (14), O4 (13), O5 (12), O6 (11), O7 (10)
- GND (8)

SW5 RESET
R4 10k
C4 100nF
Y1 4MHz XTAL
C1 22pF
C2 22pF
+5V
GND

R13 2k7
R14 2k7
R15 2k7
R16 2k7

BC327 Q1
BC327 Q2
BC327 Q3
BC327 Q4

R5
R6
R7
R8
R9
R10
R11

R5-R11 150R

U4 SA08-11SRWA DIS3
U5 SA08-11SRWA DIS2
U6 SA08-11SRWA DIS1
U7 SA08-11SRWA DIS0

A B C D E F G DP CA CA DP

J1 PSU
+5V
C6 220uF/10V
GND