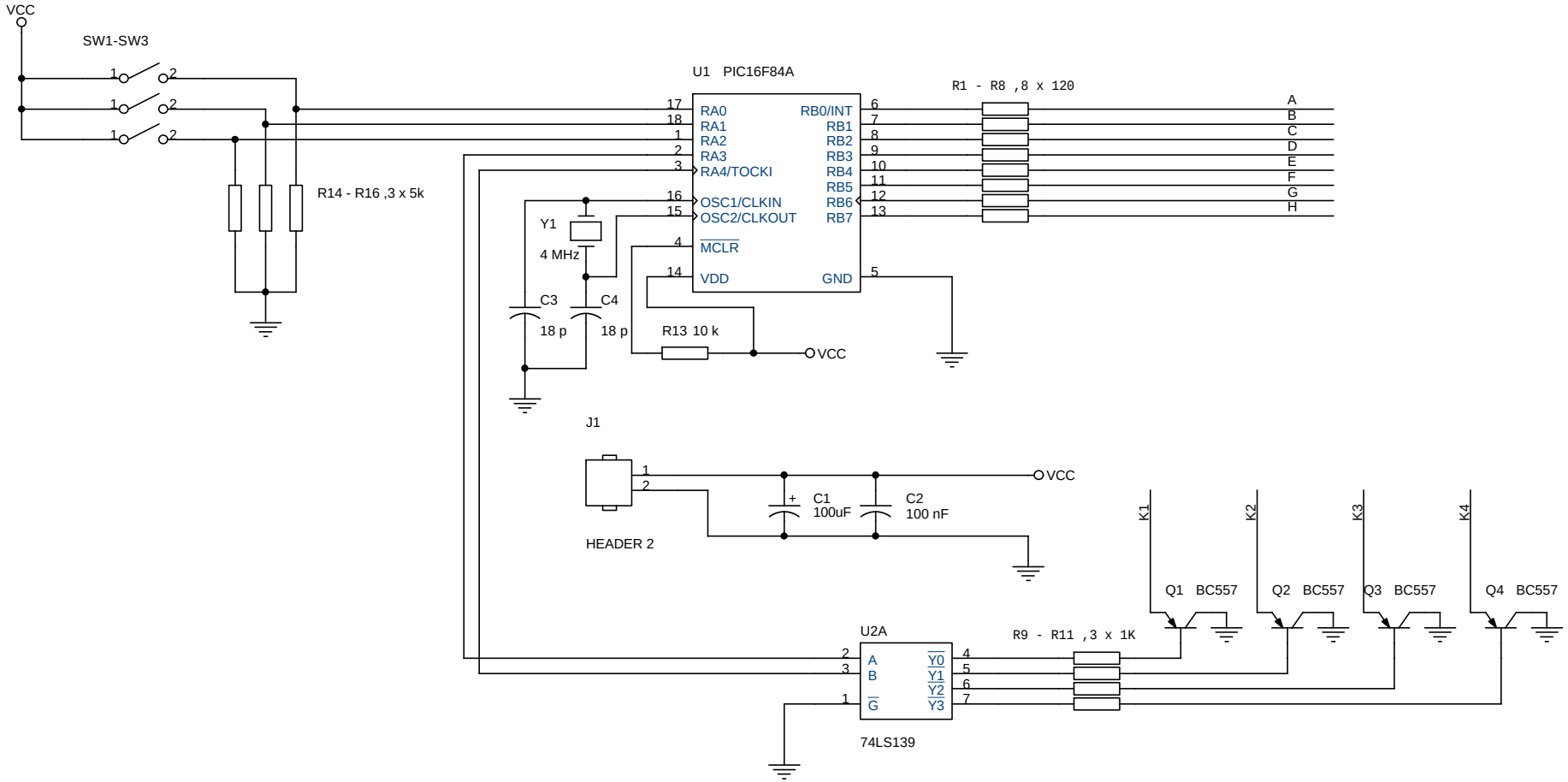
VCC
SW1-SW3
R14 - R16 ,3 x 5k
U1 PIC16F84A
RA0
RA1
RA2
RA3
RA4/TOCKI
OSC1/CLKIN
OSC2/CLKOUT
MCLR
VDD
RB0/INT
RB1
RB2
RB3
RB4
RB5
RB6
RB7
GND
R1 - R8 ,8 x 120
A
B
C
D
E
F
G
H
Y1
4 MHz
C3
18 p
C4
18 p
R13 10 k
VCC
J1
HEADER 2
C1
100uF
C2
100 nF
VCC
K1
K2
K3
K4
Q1 BC557
Q2 BC557
Q3 BC557
Q4 BC557
U2A
A
B
G
Y0
Y1
Y2
Y3
74LS139
R9 - R11 ,3 x 1K