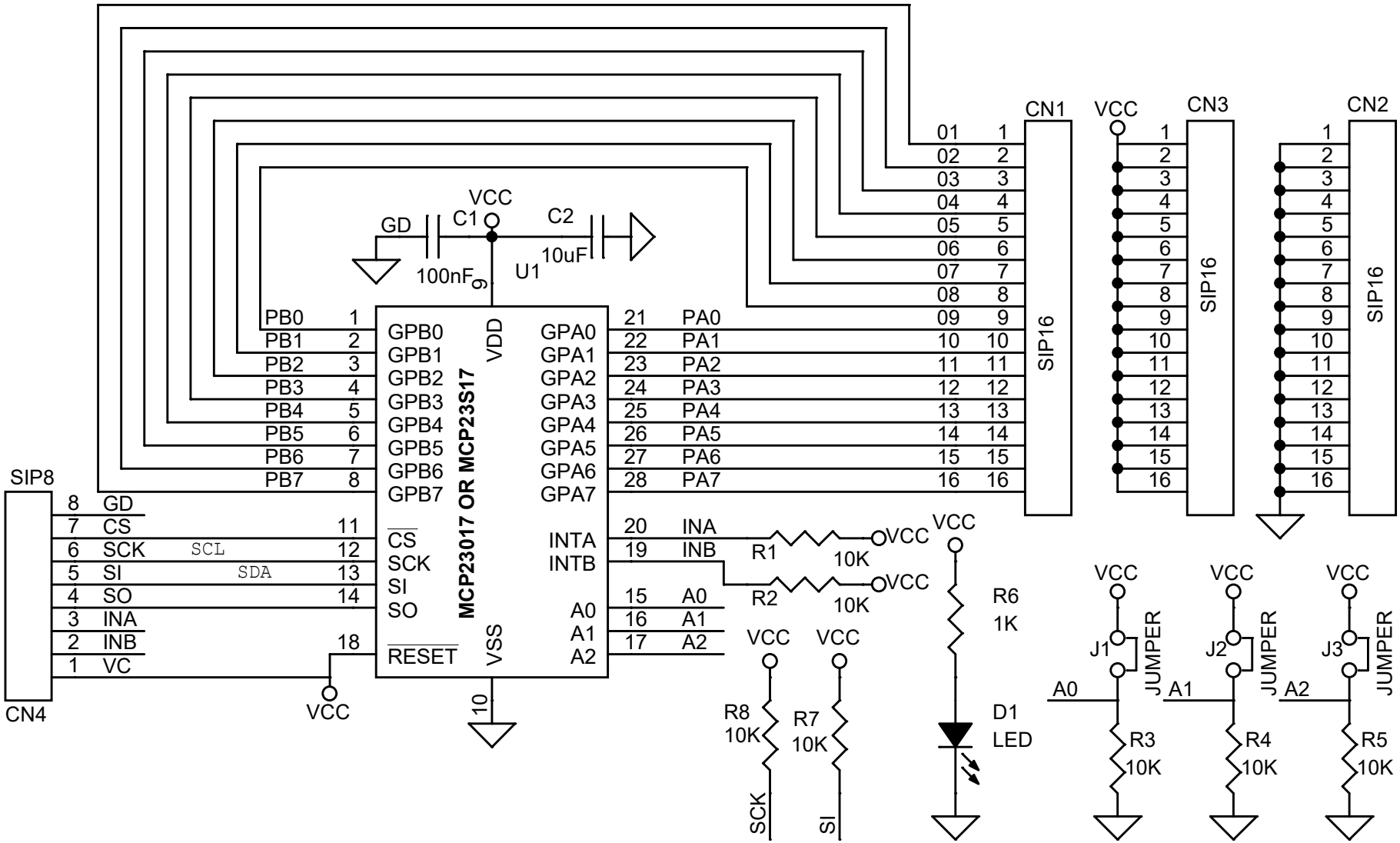
CN1
CN3
CN2
SIP16
VCC
GD
C1
C2
100nF
10uF
U1
MCP23017 OR MCP23S17
VDD
VSS
GPB0
GPB1
GPB2
GPB3
GPB4
GPB5
GPB6
GPB7
GPA0
GPA1
GPA2
GPA3
GPA4
GPA5
GPA6
GPA7
PB0
PB1
PB2
PB3
PB4
PB5
PB6
PB7
PA0
PA1
PA2
PA3
PA4
PA5
PA6
PA7
CS
SCK
SI
SO
RESET
INTA
INTB
A0
A1
A2
INA
INB
SIP8
CN4
GD
CS
SCK
SI
SO
INA
INB
VC
SCL
SDA
R1
R2
R3
R4
R5
R6
R7
R8
10K
1K
D1
LED
J1
J2
J3
JUMPER