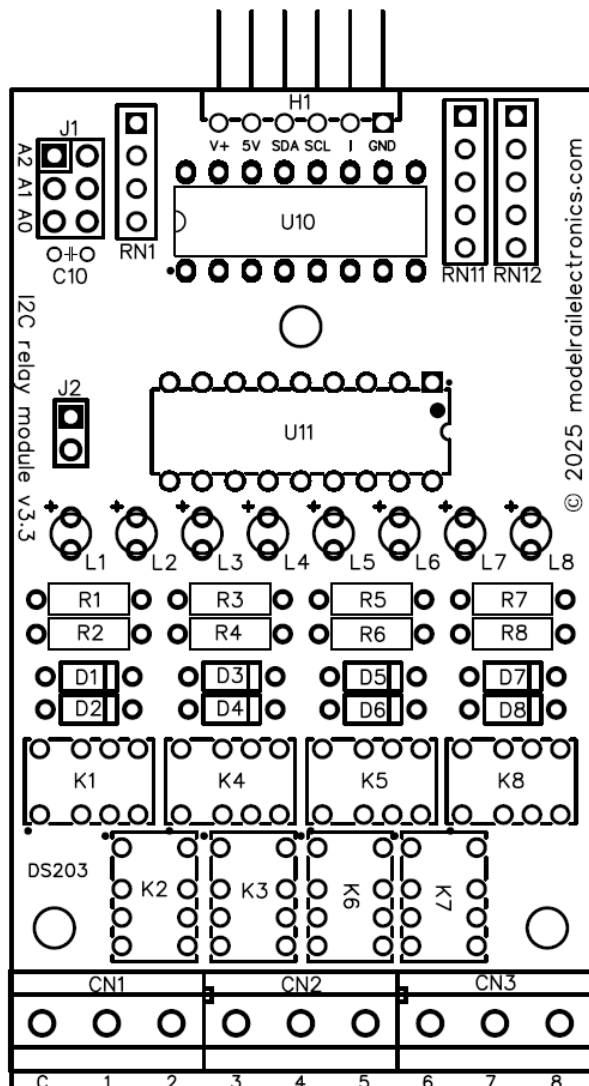


DS203 – I2C relay module v3.4

Mount the components in the below order (sort components in advance):

#	Quantity	Name	Value
1	1	C10	100n
2	8	L1-L8	LED 3mm, red, low current (1.75V, 2mA)
3	8	D1-D8	1N4148
4	1	RN1	3x10k array (A04-103J, check pin 1)
5	2	RN11,RN12	4x10k array (A05-103J, check pin 1)
6	8	R1-R8	820
7	1	J1	Pin header 3x2 male
8	1	J2	Pin header 1x2 male
8	1	H1	Pin header 1X6 male angle
9	1	U10	IC socket 16 pin
10	1	U11	IC socket 18 pin
11	8	K1-K8	HFD4/5 relay
12	3	CN1-3	KF301-5.0-3P
13	1	U10	PCF8574P
14	1	U11	ULN2803
15	1	J1	Jumper (optional)
16	1	J2	Jumper (optional)



PCF8574 pin assignment:

Port 1 = P0
 Port 2 = P1
 Port 3 = P2
 Port 4 = P3
 Port 5 = P4
 Port 6 = P5
 Port 7 = P6
 Port 8 = P7

PCF8574 I2C addresses: (A2-A1-A0)

0-0-0	0x20
0-0-1	0x21
0-1-0	0x22
0-1-1	0x23
1-0-0	0x24
1-0-1	0x25
1-1-0	0x26
1-1-1	0x27