



Pin	Pin Name	Description
0	GPA0	relay 1
1	GPA1	relay 2
2	GPA2	relay 3
3	GPA3	relay 4
4	GPA4	relay 5
5	GPA5	relay 6
6	GPA6	relay 7
7	GPA7	relay 8
8	GPB0	On
9	GPB1	Off
10	GPB2	1
11	GPB3	2
12	GPB4	3
13	GPB5	4
14	GPB6	Auto
15	GPB7	

pin	Description
1	Relay 1
2	Relay 2
3	Relay 3
4	Relay 4
5	Relay 5
6	Relay 6
7	Relay 7
8	Relay 8

Network	
1	Ground
2	3V3
3	Reset
4	CS (Chip Select)
5	SCK
6	SI (MOSI)
7	SO (MISO)
8	NC
9	NC
10	NC

Pin	description
1	Relay 1
2	Relay 2
3	Relay 3
4	Relay 4
5	GND
6	GND
7	GND
8	12V
9	12V
10	12V
11	Relay 5
12	Relay 6
13	Relay 7
14	Relay 8

11 Pin Header	
pin	Description
1	GND
2	VCC
3	ON
4	OFF
5	1
6	2
7	3
8	4
9	AUTO
10	UP
11	DOWN

Nano	
Pin	Description
D3	flow signal
D4	flow dir
D9	flow pwm
D10	CS (Chip Select)
D11	SI (MOSI)
D12	SO (MISO)
D13	SCK
A0	up
A1	down
A4	SDA
A5	SCL

9 Pin Header	
pin	Description
1	12V IN
2	flow power 5V
3	Motor PWM
4	Motor Dir
5	flow signal
6	GND
7	GND
8	GND
9	GND