



Temp sensor L335 Positive to pin 1.
 Negative to pin3. Adj pin 2 not used.
 X1 Pin Outs

Tank1 Pin 1-2	Ch0 20
Tank2 Pin 3-4	Ch1 21
Tank3 Pin 5-6	Ch2 22
Tank4 Pin 7-8	Ch3 23
Temp1 Pin 9-10	Ch4 24
Temp2 Pin 11-12	Ch5 25
Temp3 Pin 13-14	Ch6 26
Temp4 Pin 15-16	Ch7 27

Digital Inputs not Isolated

- 1 = 5 GPIO 6 Hi
- 2 = 4 GPIO 6 Hi
- 3 = 3 GPIO 13 Hi was low
- 4 = 2 GPIO 18 Hi was low
- 5 = 4 GPIO 28 Hi was low

X2 Pin Outs

- D1 5 Pins 1-2
- D4 1 Pins 3-4
- D3 3 Pins 5-6
- D2 2 Pins 7-8
- D1 1 Pins 9-10

Dry contacts only pull down inputs, voltage range 3.3v use ext opto coupler if required for isolation. There is ESD protection on the inputs

Relay Output Notes:

- # Relay 1 Pin 40 / GPIO 21
- # Relay 2 Pin 11 / GPIO 17
- # Relay 3 Pin 13 / GPIO 27
- # Relay 4 Pin 15 / GPIO 22
- # Relay 5 Pin 16 / GPIO 23
- # Relay 6 Pin 18 / GPIO 24

21 out relay_1
 17 out relay_2
 27 out relay_3
 22 out relay_4
 16 out relay_5
 18 out relay_6

HF41F-062S pinout info

- 1-2 Coil
- 3 N/C
- 4 Com
- 5 N/C

Relay ratings: SPDT 6A 30vdc, 6A 230vac



BOARD STACK REPORT