Ethernet 1

Α0 Α1 A2 АЗ Χ X X X 2 3 4 5 7 8 1 6 o/p pwr gnd vcc o/p pwr gnd VCC

Ethernet 2

Arduino Pins ——	D2	D3	X	X	D4	D5	X	X
Ethernet Pins —	1	2	3	4	5	6	7	8
Pin Supplies ——	o/p	pwr	gnd	vcc	o/p	pwr	gnd	vcc

Soil Moisture Sensors

Flow Sensor

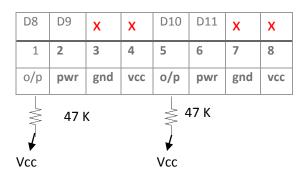
DHT11 (Humidity or

External Temperature

Sensor)

Ethernet 3





DS180 (Internal Temperature)

			1	
Ethernet 2 (pin 2)	IN 1 1		16 OUT 1	Ethernet 2 (pin 3)
Ethernet 2 (pin 6)	IN 2 2		IS OUT 2	Ethernet 2 (pin 7)
Ethernet 3 (pin 2)	IN 3 3		14 OUT 3	Ethernet 3 (pin 3)
Ethernet 3 (pin 6)	IN 4 4	ULN2003	13 OUT 4	Ethernet 3 (pin 7)
Ethernet 1 (pin 2)	IN 5 5		12 OUT 5	Ethernet 1 (pin 3)
Ethernet 1 (pin 6)	IN 6 6		II OUT 6	Ethernet 1 (pin 7)
	IN 7 7		10 OUT 7	
	GND 8		9 COM	
			S	

Ethernet Conventions:

White/Orange	Brown	Orange	White/Brown	White/Blue	White/Green	Green	Blue
1	2	3	4	5	6	7	8

Other End Convention of Ethernet: (Count from Left of any side)

o/p	gnd	VCC	pwr	pwr	VCC	gnd	o/p
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