

RPI/Grove	Pinout	Definition
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Port #	Pins on Port #		Sensor Pin	Sensor/Module
SERIAL	D0 & D1	DIGITAL & SERIAL		n/a
D2	D2 & D3	DIGITAL	D2	Grove Buzzer
D3	D3 & D4	DIGITAL	D3 D4	Humid Alarm LED Temp Alarm LED
D4	D4 & D5	DIGITAL		n/a
D5	D5 & D6	DIGITAL	D5	Smoke Alarm LED
D6	D6 & D7	DIGITAL	D6	Grove - Temperature&Humidity Sensor Pro
D7	D7 & D8	DIGITAL	D7	Grove - Water Atomization
D8	D8 & D9	DIGITAL	D8 D9	Moisture Alarm LED Water Atomizer LED
A0	A0 & A1	ANALOG	Α0	Grove - Moisture Sensor1
A1	A1 & A2	ANALOG	A1	Grove MQ2 Air Sensor
A2	A2 & A3	ANALOG	D16 D17	Grove - 2-Channel SPDT Switch 1 – LED Lights Grove - 2-Channel SPDT Switch 2 – Exhaust Fan
I2C-1		I2C		Free
I2C-2		I2C		Free
I2C-3		I2C		Grove - LCD RGB Backlight
RPRISER		RPI SERIAL		

All pins use +5v for voltage. Using A2 as a digital outputs D16 & D17.