



RPI/Grove Pinout Definitions

Port #	Pins on Port #	Type	Sensor/Module
SERIAL	D0 & D1	DIGITAL & SERIAL	Grove Buzzer
D2	D2 & D3	DIGITAL	Grove - Temperature&Humidity Sensor Pro
D3	D3 & D4	DIGITAL	Grove - Water Atomization
D4	D4 & D5	DIGITAL	Grove - 2-Channel SPDT Switch 1 (Top Connector) – LED Lights
D5	D5 & D6	DIGITAL	Grove - 2-Channel SPDT Switch 1 (Bottom Connector) – Exhaust Fan
D6	D6 & D7	DIGITAL	Temp Alarm LED
D7	D7 & D8	DIGITAL	Humid Alarm LED
D8	D8 & D9	DIGITAL	Moisture Alarm LED
A0	A0 & A1	ANALOG	
A1	A1 & A2	ANALOG	Grove MQ2 Air Sensor
A2	A2 & A3	ANALOG	Grove - Moisture Sensor
I2C-1		I2C	
I2C-2		I2C	
I2C-3		I2C	Grove - LCD RGB Backlight
RPI SERIAL		RPI SERIAL	

All pins use +5v for voltage

