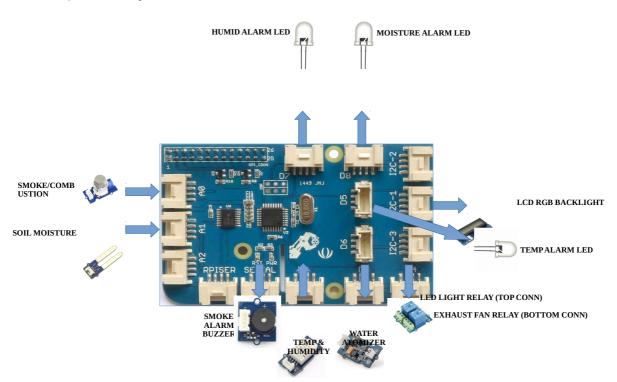
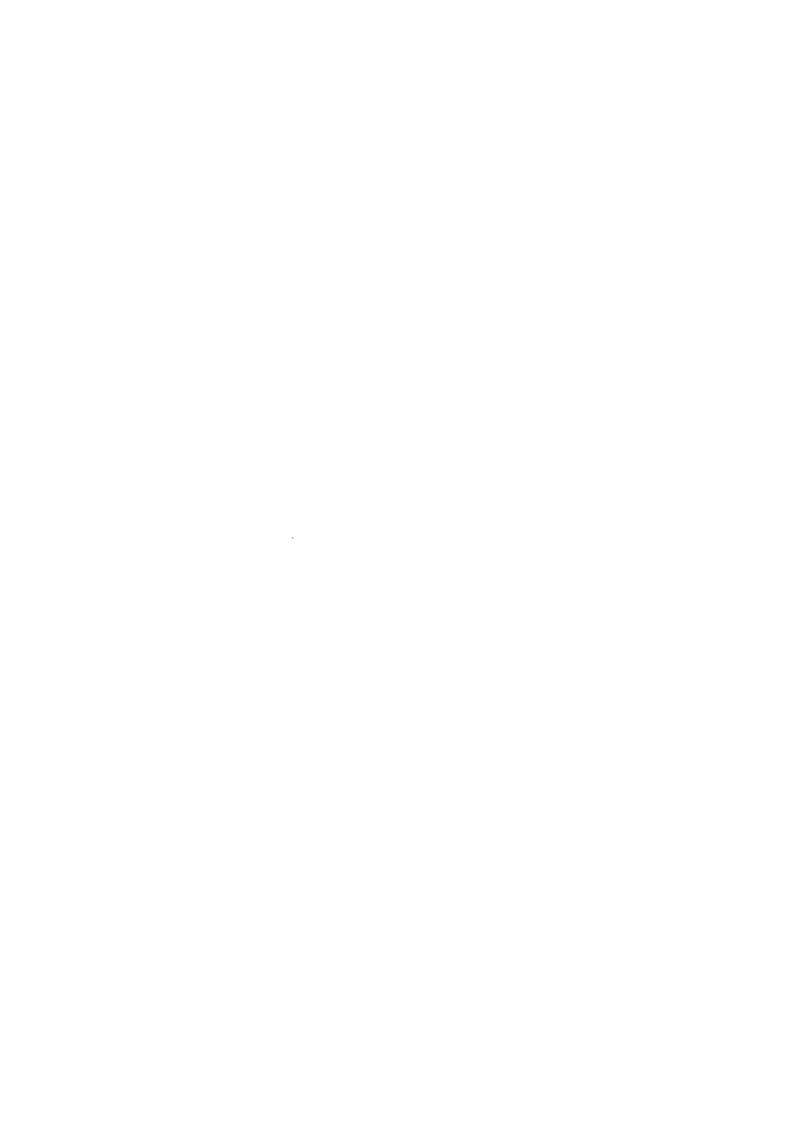


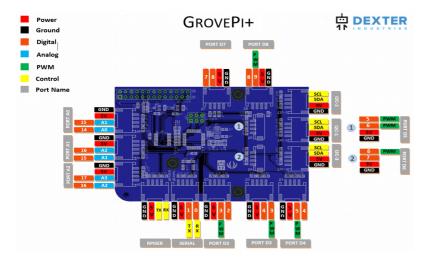
RPI/Grove Pinout Definitions

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

All pins use +5v for voltage







Port #	Pins on Port#	Туре	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	A0	Grove - Moisture Sensor1 -
A1	A1 & A2	ANALOG	A1	Grove MQ2 Air Sensor
A2	A2 & A3	ANALOG	D16 D17	Grove - 2-Channel SPDT Switch 1 (Top Connector) – Exhaust Fan Grove - 2-Channel SPDT Switch 1 (Bottom Connector) – LED Lights
I2C-1		I2C		Free
I2C-2		I2C		Free
12C-3		I2C		Grove - LCD RGB Backlight
RPRISER		RPI SERIAL		

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



F4





