Enviro Urban (PIM629)



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PMSA003I particulate sensor

Datasheet:

https://www.mouser.co.uk/datasheet/2/737/4505_PMSA003I_series_data_manual_English_V2_6-2490334.pdf

5V supply for fan only, IO all 3V3 so no level shifting required.

Pin numbers inverted horizontally compared to datasheet description because datasheet is numbers the pins on the device whereas our mating connector is mirrored.



5V power supply for the particulate sensor.





PIMÓRONI

SPU0410HR5H Analog MEMS microphone + amp

Datasheet:



BME280 environmental sensor

CSB (chip select) tied to 1V8 to put into I2C mode SDO tied to 1V8 selects I2C address 0x77. BME280 decoupled with C10



DATE GENERATED SHEET