Scd30 pdf

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Only contact pins should be used to mount the sensor. Small form factormm xmm xmm. Please refer to datasheet Using the SCDwith Arduino is a simple matter of wiring up the sensor to your Arduino-compatible microcontroller, installing the Adafruit SCD(PF1) library we've written, and running the provided example code Stacking of trays results in an effective tray height ofmmOrdering Information SCDand accessory can be ordered via the following article numbers. Best performance-to-price ratio. Accuracy: ±(ppm + 3%) Current consumptionmA @meas. Please accept longer lead times until official start of production. CO2, humidity, and temperature sensor. Small form factormm xmm xmm. Measurement rangeppm – ppm The GroveCO2 & Temperature & Humidity Sensor (SCD30) is a high precision carbon dioxide sensor, which is based on Sensirion SCD The measuring range of this sensor Datasheet Sensirion SCDSensor Module. Dual-channel detection for superior stability. Integrated temperature and humidity sensor. Best performance For proper function of ASC field-calibration algorithm SCDhas to be exposed to air with CO2 concentration ppm regularly. A pin stripe with pitch inch mm should be used to connect SCDto external electronics. For selecting Modbus protocol, the SEL pin needs to be pulled to VDD Voltage. Best performance-to-price ratio. Product Description Article Number SCDsensor CO 2, RH and T sensor module SCDevaluation kit SCDsensor, SEK sensor bridge and cables. Design-in of the SCDin final application and the environment impacts the accuracy of the RH/T sensor. Heat sources have to be considered for optimal performance Assembly of SCDsensor It is recommended to solder SCDby hand. Fully calibrated and linearized SCDsensor is shipped in stackable trays withpieces each. Measurement rangeppm – ppm. SCDshould not touch any part of the host PCB. To prevent contact of SCDwith host PCB, belowNDIR CO2 sensor technology. Dual-channel detection for superior stability. Integrated temperature and humidity sensor. CD_AN_SCD30_Interface_Description_ – confidential – subject to change without notice 2/Digital interface description The SCDdigital interface is compatible with the I2C protocol and the Modbus protocol. The tray dimension is mm x mm xmm. NDIR CO2 sensor technology. Please accept longer lead times until official start of production SCDand accessory can be ordered via the following article numbers. pers.

Difficulté **Moyen** | Durée **708 minute(s)** | Catégories **Art, Alimentation & Agriculture, Robotique** | Coût **748 EUR (€)**

Sommaire

Matériaux

Outils

Étape 1 -