



PMS8607 – Smart and digital pressure, humidity and temperature sensor

Analog - Digitale
Mikromechanische
Sensorsysteme

PRODUCT DESCRIPTION PMS8607

Since it is in most cases quite troublesome to solder the QFN-(Quad Flats No Leads) housing in reflow process for the testing and the assembly of samples of the MS8607, therefore the PMS8607 was designed.

It consists of a printed circuit board with a 4-pole pin strip, the MS8607 and a decoupling capacitor between VDD and GND.

Using the plug connection of the relevant pin strip the relative barometric pressure, humidity and temperature can be calculated with the help of a micro processor and the appropriate Software.

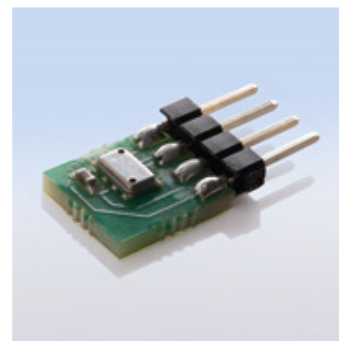


Figure 1: PMS8607

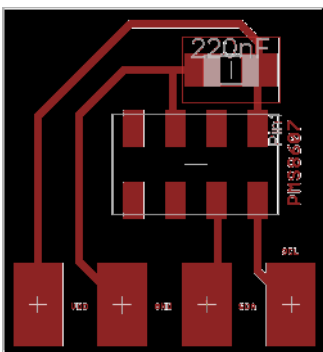


Figure 2: PMS8607 Layout

Outer dimension: 9.8 x 10.46mm²

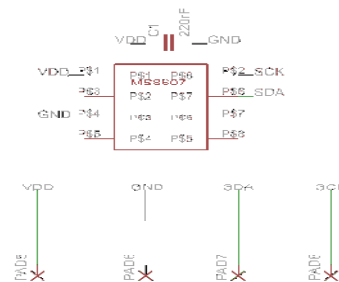


Figure 3: PMS8607 Circuit diagram

Sensor	MS8607-02BA01	Pressure, humidity and temperature
Capacitor C1	0603; ±10%, X7R	220nF
Pin Strip 4-pole	RM 2.54	Single-row, straight

Table 1: Assembly list

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