MS580330BA01-00 ✓ ACTIVE

MEAS | **MEAS MS5803**

TE Internal #: MS580330BA01-00

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±400mbar Pressure Accuracy, Supply Voltage Range 1.8 - 3.6 V, MEAS MS5803
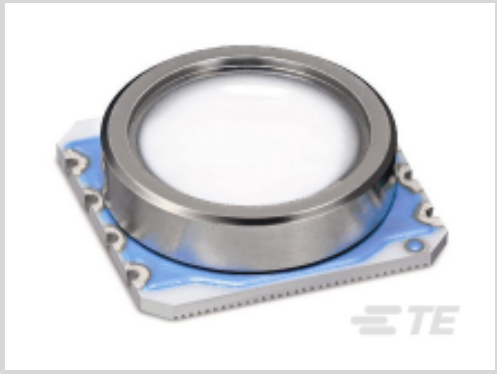
View on TE.com >

Sensors > Pressure Sensors > Board Mount Pressure Sensors

Pressure Sensor Type: **Digital Pressure and Altimeter Sensor Modules**

Pressure Type: **Absolute**

Output Signal Type: **24 bit ADC**

Pressure Accuracy: **±400mbar**

Supply Voltage Range: **1.8 - 3.6 V**

Features

Product Type Features

Sensor Package	Surface Mountable
Pressure Sensor Type	Digital Pressure and Altimeter Sensor Modules
Pressure Type	Absolute

Electrical Characteristics

Supply Voltage Range	1.8 - 3.6 V

Dimensions

Product Width	6.2 mm[.244 in]
Product Length	6.4 mm[.251 in]
Product Height	2.8 mm[.11 in]

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Resolution	.5
Output Signal Type	24 bit ADC
Pressure Accuracy	±400mbar

Other

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Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±400mbar
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Sensor Options	No Option

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # MS580314BA01-00

MS5803-14BA01 DIGIT PRESSURE SENSOR TUBE

TE Part # MS580302BA01-00

MS5803-02BA01 DIGIT PRESSURE SENSOR TUBE

TE Part # MS580305BA01-00

MS5803-05BA 5BAR WHITE GEL TUBE

TE Part # MS580301BA01-00

MS5803-01BA01 PRESSURE SENSOR TUBE

MS580330BA01-00

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±400mbar
Pressure Accuracy, Supply Voltage Range 1.8 - 3.6 V, MEAS MS5803

TE Part # MS580502BA01-50
MINIATURE DIGITAL PRESSURE
SENSOR

Also in the Series | MEAS MS5803

Board Mount Pressure Sensors(10)

Customers Also Bought

TE Part # 1-534998-0
20 MODIV VRT DR CE 100/125

TE Part # 1-534998-5
30 MODIV VRT DR CE 100/125

TE Part # 1-534998-7
34 MODIV VRT DR CE 100/125

TE Part # 5-534998-8
16 MODIV VRT DR CE 100/125

TE Part # EC0595-000
Z-Type Push-On Markers

Documents

CAD Files
3D PDF

3D
Customer View Model
ENG_CVM_CVM_MS580330BA01-00_1.2d_dxf.zip

English

MS580330BA01-00

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±400mbar
Pressure Accuracy, Supply Voltage Range 1.8 - 3.6 V, MEAS MS5803

Customer View Model

ENG_CVM_CVM_MS580330BA01-00_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_MS580330BA01-00_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Data sheet

English