

MS561101BA03-50

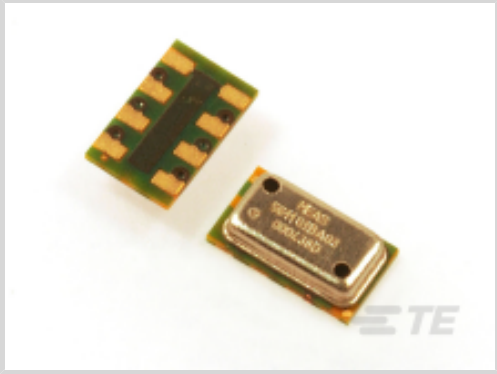
✓ ACTIVE

MEAS | MEAS MS5611

TE Internal #: MS561101BA03-50
Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±1.5mbar Pressure Accuracy, Supply Voltage Range 1.8 – 3.6 V, MEAS MS5611
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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: **±1.5mbar**
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
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Dimensions

Product Width	3 mm[.118 in]
Product Length	5 mm[.196 in]
Product Height	1 mm[.039 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Resolution	.012
Output Signal Type	24 bit ADC
Pressure Accuracy	±1.5mbar

Other

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Sensor Options	No Option
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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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>









Also in the Series | MEAS MS5611

Board Mount Pressure Sensors(1)

Sensor Development Boards and Evaluation Kits(1)

Customers Also Bought



 <p>TE Part #4525-DS5A001DP PCB MOUNTED ANALOG PRESSURE SENSOR</p>	 <p>TE Part #8-1676481-0 CPF 0603 16K 0.1% 25PPM 1K RL</p>	 <p>TE Part #3-1761603-2 IDC LOW PRO HDR 36P VERT BLUE</p>	 <p>TE Part #926040-2 48P MOD 4 HSG</p>
 <p>TE Part #2176349-4 CRGCQ 2512 18R 1%</p>	 <p>TE Part #4-2176372-1 RQ 0603 130K 0.1% 10PPM 5K RL</p>	 <p>TE Part #9-1415899-1 RZ03-1A4-D024-R</p>	 <p>TE Part #1055479-1 2098 5287 54</p>

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_MS561101BA03-50_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_MS561101BA03-50_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_MS561101BA03-50_1.3d_stp.zip

English

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Datasheets & Catalog Pages

Data sheet

English