

MS860702BA01-50

✓ ACTIVE

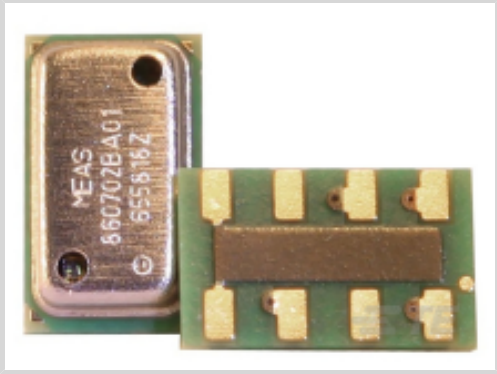
MEAS | MEAS MS8607

TE Internal #: MS860702BA01-50
Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±4mbar Pressure Accuracy, Supply Voltage Range 1.5 – 3.6 V, MEAS MS8607

[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: **±4mbar**
Supply Voltage Range: **1.5 – 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	1.5 – 3.6 V
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Dimensions

Product Width	3 mm[.118 in]
Product Length	5 mm[.196 in]
Product Height	1.15 mm[.045 in]

Usage Conditions

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

Resolution	.016
Output Signal Type	24 bit ADC
Pressure Accuracy	±4mbar

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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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

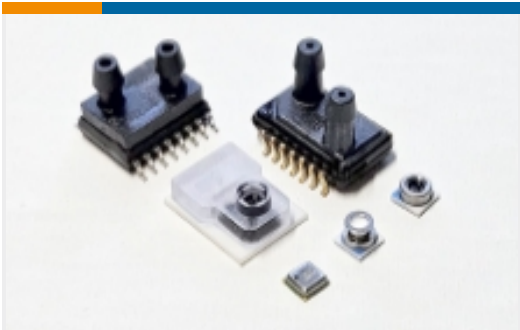
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # MS563702BA03-50
2 BAR INDUSTRIAL ALTIMETER
SENSOR

TE Part # MS563730BA03-50
30 BAR INDUSTRIAL ALTIMETER
SENSOR

Also in the Series | MEAS MS8607



Board Mount Pressure Sensors(2)



Sensor Development Boards and Evaluation Kits(2)

Customers Also Bought



TE Part #5747150-9
09 RCPT SP/FMS INSRT



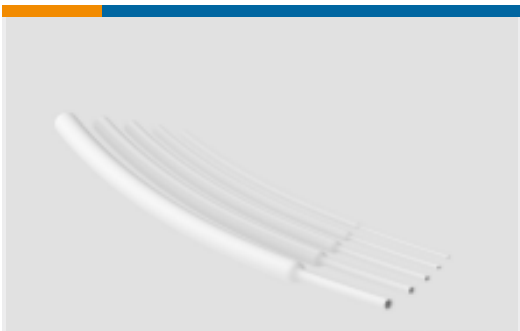
TE Part #3-2319764-4
E STACK PIANO 8P G LONG T&R PD ON



TE Part #2176364-6
RQ 0402 5K23 0.1% 10PPM 5K RL



TE Part #1624360-2
NTC0805 5% 3K0



TE Part #NB13222001
RNF-100-1-WH-STK



TE Part #1131-EEG-T-165-000
Barometric Air Pressure Sensor

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_MS860702BA01-50_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_MS860702BA01-50_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_MS860702BA01-50_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

MS8607-02BA01 Datasheet

English

