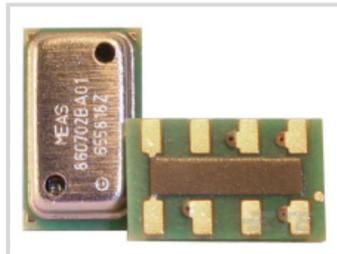# MS860702BA01-50 ✔ ACTIVE

MEAS | MEAS MS8607

TE Internal #: MS860702BA01-50

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±4mbar Pressure Accuracy, 1.5 – 3.6 V Supply Voltage Range, MEAS MS8607

View on TE.com >

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**

All Pressure, Humidity and Temperature Combination Sensor (1)

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

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]

Operation/Application

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

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Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±4mbar
Pressure Accuracy, 1.5 – 3.6 V Supply Voltage Range, MEAS MS8607

Other

Sensor Options	No Option

Product Compliance

For compliance documentation, visit the product page on TE.com>

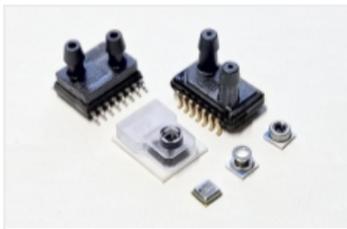| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) 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

MS860702BA01-50

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±4mbar Pressure Accuracy, 1.5 – 3.6 V Supply Voltage Range, MEAS MS8607

Board Mount Pressure Sensors(1)

Customers Also Bought

TE Part #20019427-01
830M1-2000 Triaxial 2Kg Tray 25pcs

TE Part #5-104652-3
30 50/50 GRID DRST SFMNT RCPT

TE Part #5-104693-3
30 50/50 HDR DRST SFMNT.390 SN

TE Part #6-1437175-2
FSP-27A

TE Part #5-1879215-8
CPF 0402 17K8 0.1% 25PPM 1K RL

TE Part #1969730-4
EP2.5 SHROUDED HDR ASSY 4P VERTICAL

TE Part #2-2176186-7
CRGH1206 1% 18K 0.5W

TE Part #7-2176307-2
RP 1E 0.1W 68K1 0.1% 25PPM 5K RL

TE Part #3-2213766-7
AV19 SPL 3A POWER LED BLUE 12V

TE Part #1-2834184-1
3P,FULL CABLE ASSY-152.4MM, WHITE,TIN

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

MS860702BA01-50

Digital Pressure and Altimeter Sensor Modules, Absolute, 24 bit ADC, ±4mbar
Pressure Accuracy, 1.5 – 3.6 V Supply Voltage Range, MEAS MS8607

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