



Sensor	Barometer and Temperature
Measure range	300 ÷ 1200 mbar
Pressure Absolute Accuracy	± 1.5 mbar (from 700 to 1100 mbar and from 0°C to 50°C) ± 3.0 mbar (from 700 to 1100 mbar and from -20°C to 70°C)
Pressure Relative Accuracy	± 0.5 mbar (from 700 to 1100 mbar at 25°C) ± 1.5 mbar (from 700 to 1100 mbar and from 0°C to 50°C)
Power supply	1.8 ÷ 3.6 V
Max Error with Power	± 2.5 mbar with a power supply from 1.8 V to 3.6 V
Pressure Resolution	0.01 mbar
Long term drift	±1.5 mbar after a period of 1 year
Operating temperature	-40 °C ÷ +85 °C
Temperature Absolute Accuracy	Typ. ± 0.3°C, Max. ± 0.5°C at 25°C Typ. ± 0.6°C, Max. ± 1°C from -10°C to +70°C Max. ± 1.5°C from -40°C to +85°C
Temperature Resolution	0.01°C
Dimensions:	
Length	6.8 mm
Width	6.2 mm
Height	3.0 mm
Wi-Fi Key Features	<ul style="list-style-type: none"> • 802.11 b/g/n • 802.11 n (2.4 GHz), up to 150 Mbps • WMM • TX/RX A-MPDU, RX A-MSDU • Immediate Block ACK • Defragmentation • Automatic Beacon monitoring (hardware TSF)
Wi-Fi Radio Characteristics	<ul style="list-style-type: none"> • Input frequency: 2400 Mhz • Output power of PA for 72.2 Mbps: 14 dBm • Output power of PA for 11b mode: 20 dBm

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MUMS is a patent system