



## BMA250

|                                 |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Manufacturer Part Number:       | BMA250                                                                                                                    |
| Manufacturer / Brand            | Bosch Sensortec                                                                                                           |
| Part of Description:            | ACCEL 2-16G I2C/SPI 12LGA                                                                                                 |
| Datasheets:                     | BMA250.pdf                                                                                                                |
| Lead Free Status / RoHS Status: |  Lead free by exemption / RoHS Compliant |
| Stock Condition:                | New original, 100000 pcs Stock Available.                                                                                 |
| Ship From:                      | Hong Kong                                                                                                                 |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                                                                                                         |

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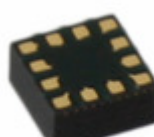
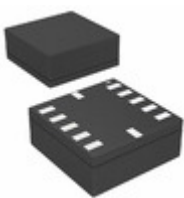
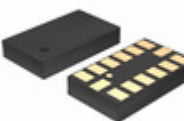
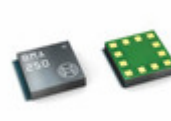
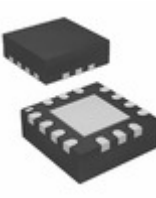
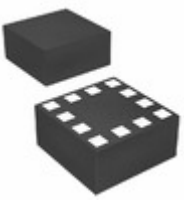
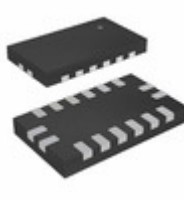
### The specifications of BMA250

|                       |                                                                    |                                  |                                                                           |
|-----------------------|--------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------|
| Part Number           | BMA250                                                             | Manufacturer / Brand             | Bosch Sensortec                                                           |
| Series                | -                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                             |
| Package / Case        | 12-VFLGA                                                           | Packaging                        | Cut Tape (CT)                                                             |
| Mounting Type         | Surface Mount                                                      | Supplier Device Package          | 12-LGA (2x2)                                                              |
| Operating Temperature | -40°C ~ 85°C (TA)                                                  | Detailed Description             | Accelerometer X, Y, Z Axis ±2g, 4g, 8g, 16g 8Hz ~ 1kHz 12-LGA (2x2)       |
| Type                  | Digital                                                            | Output Type                      | I²C, SPI                                                                  |
| Features              | Adjustable Bandwidth, Selectable Low Pass Filter, Selectable Scale | Voltage - Supply                 | 1.62 V ~ 3.6 V                                                            |
| Bandwidth             | 8Hz ~ 1kHz                                                         | Axis                             | X, Y, Z                                                                   |
| Acceleration Range    | ±2g, 4g, 8g, 16g                                                   | Sensitivity (LSB/g)              | 256 (±2g) ~ 16 (±16g)                                                     |
| Sensitivity (mV/g)    | -                                                                  | Other Names                      | 828-1023-1                                                                |
| Stock Quantity        | 100000 pcs Stock                                                   | Category                         | <a href="#">Sensors, Transducers &gt; Motion Sensors - Accelerometers</a> |
| Description           | ACCEL 2-16G I2C/SPI 12LGA                                          | Lead Free Status / RoHS Status   | Lead free by exemption / RoHS Compliant                                   |

### Keywords realted to BMA250

|                           |                              |                        |                                              |
|---------------------------|------------------------------|------------------------|----------------------------------------------|
| Bosch Sensortec BMA250    | BMA250 part                  | BMA250 Price           | BMA250 Distributor                           |
| BMA250 Technical          | BMA250 Stock                 | BMA250 Inventory       | BMA250 Supplier                              |
| BMA250 Online Order       | BMA250 Inquiry               | BMA250 Image           | BMA250 Picture                               |
| BMA250 pdf                | BMA250 datasheet             | BMA250 data sheet      | BMA250 pdf datasheet                         |
| Download BMA250 datasheet | Bosch Sensortec Manufacturer | Bosch Sensortec BMA250 | Bosch Connected Devices and Solutions BMA250 |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>BMA222E</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12QFN<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 20000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                    |  <p><b>BMA020</b><br/><b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 2200 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>          |  <p><b>BMA253</b><br/><b>Description:</b> ACCELERATION DIGITAL, TRIAXIAL S<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 15800 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p> |
|  <p><b>LIS202DLTR</b><br/><b>Description:</b> ACCEL 2.3-9.2G I2C/SPI 14LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 400 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>             |  <p><b>LIS331DLFTR</b><br/><b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 41000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p> |  <p><b>BMA250E</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 3200 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>        |
|  <p><b>LIS331DLMTR</b><br/><b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 1300 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>       |  <p><b>BMA150</b><br/><b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 5000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>          |  <p><b>BMA223</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 18600 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>        |
|  <p><b>LIS2L06AL</b><br/><b>Description:</b> ACCELEROMETER 2-6G ANALOG 8LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 3900 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>           |  <p><b>BMA222E(F)</b><br/><b>Description:</b> BMA222E(F) BOSCH LGA12<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 15700 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                         |  <p><b>BMA255</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 30000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>        |
|  <p><b>ADXL103CE</b><br/><b>Description:</b> ACCELEROMETER 1.7G ANALOG 8CLCC<br/><b>Manufacturers:</b> ADI (Analog Devices, Inc.)<br/><b>In Stock:</b> New original, 12500 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p> |  <p><b>BMA145</b><br/><b>Description:</b> ACCELEROMETER 4G ANALOG 16LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 1000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>             |  <p><b>BMA250E-F</b><br/><b>Description:</b> BMA250E-F BOSCH original<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 100 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                  |
|  <p><b>BMA250EF</b><br/><b>Description:</b> BMA250EF BOSCH LGA<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 600 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                                      |  <p><b>BMA222E LGA12</b><br/><b>Description:</b> BMA222E LGA12 BOSCH LGA12<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 100 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                     |  <p><b>BMA280</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 10LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 20000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>        |
|  <p><b>KXR94-2050-FR</b><br/><b>Description:</b> ACCELEROMETER 2G ANALOG 14DFN<br/><b>Manufacturers:</b> LAPIS Semiconductor<br/><b>In Stock:</b> New original, 300 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>        |  <p><b>LIS3LV02DLTR</b><br/><b>Description:</b> ACCELEROMETER 2-6G I2C/SPI 16LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 2600 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p> |  <p><b>BMA250E(F)</b><br/><b>Description:</b> BMA250E(F) BOSCH LGA<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 20000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                   |
|  <p><b>AD22285-R2</b><br/><b>Description:</b> ACCELEROMETER 50G ANALOG 8CLCC<br/><b>Manufacturers:</b> ADI (Analog Devices, Inc.)<br/><b>In Stock:</b> New original, 200 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>   |  <p><b>BMA222</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 2700 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                 |  <p><b>BMA120</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 9700 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>         |
|  <p><b>LIS3L02AL</b><br/><b>Description:</b> ACCELEROMETER 2G ANALOG 8LGA<br/><b>Manufacturers:</b> STMicroelectronics<br/><b>In Stock:</b> New original, 500 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>              |  <p><b>BMA023</b><br/><b>Description:</b> BMA023 BOSCH LGA12<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 16100 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                                 |  <p><b>BMA282</b><br/><b>Description:</b> BMA282 BOSCH LGA<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 100000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                          |
|  <p><b>BMA254</b><br/><b>Description:</b> BMA254 BOSCH LGA12<br/><b>Manufacturers:</b> BOSCH<br/><b>In Stock:</b> New original, 500 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                                        |  <p><b>BMA220</b><br/><b>Description:</b> ACCEL 2-16G I2C/SPI 12LGA<br/><b>Manufacturers:</b> Bosch Sensortec<br/><b>In Stock:</b> New original, 50000 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                |  <p><b>MXD2020EL</b><br/><b>Description:</b> ACCELEROMETER 1G PWM 8QFN<br/><b>Manufacturers:</b> MEMSIC<br/><b>In Stock:</b> New original, 300 pcs Stock Available.</p> <p>Quote: <input type="button" value="RFQ"/></p>                |