



Hillcrest Labs

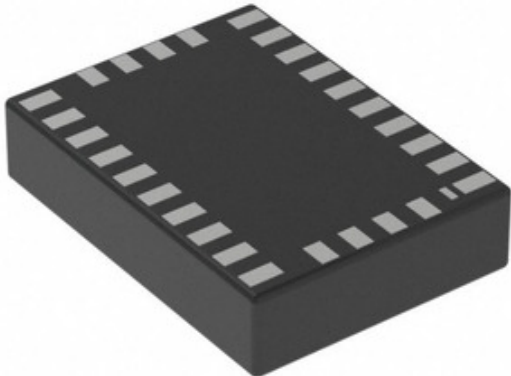


Image may be representation. See specifications for product details.

BNO080

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BNO080                                                                                                       |
| Manufacturer/Brand: | Hillcrest Labs                                                                                               |
| Product description | IMU ACCEL/GYRO/MAG I2C 32BIT                                                                                 |
|                     |  1.BNO080.pdf               |
|                     |  2.BNO080.pdf               |
|                     |  3.BNO080.pdf               |
|                     |  4.BNO080.pdf               |
|                     |  5.BNO080.pdf               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17120 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

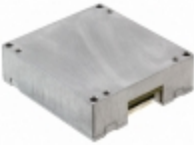
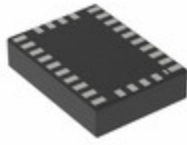
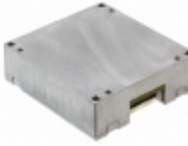
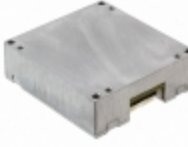
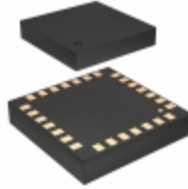
Specifications of BNO080

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BNO080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Hillcrest Labs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IMU ACCEL/GYRO/MAG I2C 32BIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 17120 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.BNO080.pdf<br> 2.BNO080.pdf<br> 3.BNO080.pdf<br> 4.BNO080.pdf<br> 5.BNO080.pdf |
| SUPPLIER DEVICE PACKAGE          | 28-LGA (5.2x3.8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SENSOR TYPE                      | Accelerometer, Gyroscope, Magnetometer, 9 Axis                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 28-TFLGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OUTPUT TYPE                      | I²C, SPI, UART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | 1888-1000-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DETAILED DESCRIPTION             | Accelerometer, Gyroscope, Magnetometer, 9 Axis Sensor I²C, SPI, UART Output                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                       |                           |                            |
|-----------------------|---------------------------|----------------------------|
| Hillcrest Labs BNO080 | BNO080 Distributor        | BNO080 Supplier            |
| BNO080 Price          | BNO080 Pictures           | BNO080 Image               |
| BNO080 PDF Datasheet  | BNO080 Download Datasheet | BNO080 Datasheet           |
| BNO080 Stock          | Buy BNO080                | Buy Hillcrest Labs BNO080  |
| Hillcrest Labs BNO080 | Hillcrest Labs Supplier   | Hillcrest Labs Distributor |
| Hillcrest Labs BNO080 |                           |                            |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>BNO055 USB-STICK</b><br/>Manufacturers: Bosch Sensortec<br/>Description: BNO055 USB-STICK EVAL KIT<br/>In stock: 3231 pcs<br/><div>RFQ</div></div>                |  <div><b>ADIS16497-2BMLZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: 6 DOF TACTICAL GRADE IMU 8G 450<br/>In stock: 34 pcs<br/><div>RFQ</div></div> |
|  <div><b>ADIS16375BMLZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IMU ACCEL/GYRO 3-AXIS SPI 24ML<br/>In stock: 101 pcs<br/><div>RFQ</div></div>    |  <div><b>BNO085</b><br/>Manufacturers: Hillcrest Labs<br/>Description: IMU ACCEL/GYRO/MAG I2C 32BIT<br/>In stock: 6891 pcs<br/><div>RFQ</div></div>                       |
|  <div><b>HG4930AS36</b><br/>Manufacturers: Honeywell Microelectronics &amp; Precision Sensors<br/>Description: SENSOR<br/>In stock: 10 pcs<br/><div>RFQ</div></div>        |  <div><b>BNO055-SHUTL</b><br/>Manufacturers: Bosch Sensortec<br/>Description: SHUTTLE BOARD DEV KIT BNO055<br/>In stock: 3426 pcs<br/><div>RFQ</div></div>                |
|  <div><b>ADIS16485BMLZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IMU ACCEL/GYRO/MAG SPI 24ML<br/>In stock: 65 pcs<br/><div>RFQ</div></div>        |  <div><b>BNO080 DEV KIT</b><br/>Manufacturers: Hillcrest Labs<br/>Description: DEVELOPMENT KIT FOR BNO080<br/>In stock: 487 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>ADIS16495-3BMLZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: 6 DOF TACTICAL GRADE IMU 8G 2000<br/>In stock: 33 pcs<br/><div>RFQ</div></div> |  <div><b>ICM-20789</b><br/>Manufacturers: InvenSense<br/>Description: MOTION SENSOR IC<br/>In stock: 21811 pcs<br/><div>RFQ</div></div>                                   |
|  <div><b>LSM303DLM</b><br/>Manufacturers: STMicroelectronics<br/>Description: IMU ACCEL/MAG 3-AXIS I2C 28LGA<br/>In stock: 24481 pcs<br/><div>RFQ</div></div>              |  <div><b>BNO055</b><br/>Manufacturers: Bosch Sensortec<br/>Description: IMU ACCEL/GYRO/MAG I2C 28LGA<br/>In stock: 8582 pcs<br/><div>RFQ</div></div>                      |