



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MMA6900KQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MMA6900KQ                                                                                                    |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | ACCELEROMETER 3.5G PCM/SPI 16QFN                                                                             |
| Datasheets:         |  MMA6900KQ.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MMA6900KQ

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MMA6900KQ                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | ACCELEROMETER 3.5G PCM/SPI 16QFN                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| DATA SHEET                       |  MMA6900KQ.pdf |
| VOLTAGE - SUPPLY                 | 3.15 V ~ 5.25 V                                                                                   |
| TYPE                             | Digital                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 16-QFN-EP (6x6)                                                                                   |
| SERIES                           | Automotive, AEC-Q100                                                                              |
| SENSITIVITY (MV/G)               | -                                                                                                 |
| SENSITIVITY (LSB/G)              | 291                                                                                               |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | 16-QFN Exposed Pad                                                                                |
| OUTPUT TYPE                      | PCM, SPI                                                                                          |
| OTHER NAMES                      | 935310468574                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| FEATURES                         | Temperature Sensor                                                                                |
| DETAILED DESCRIPTION             | Accelerometer X, Y Axis ±3.5g 1.2kHz 16-QFN-EP (6x6)                                              |
| BANDWIDTH                        | 1.2kHz                                                                                            |
| AXIS                             | X, Y                                                                                              |
| ACCELERATION RANGE               | ±3.5g                                                                                             |

Related Tags

|                                          |                                         |                                              |
|------------------------------------------|-----------------------------------------|----------------------------------------------|
| NXP Semiconductors / Freescale MMA6900KQ | MMA6900KQ Distributor                   | MMA6900KQ Supplier                           |
| MMA6900KQ Price                          | MMA6900KQ Pictures                      | MMA6900KQ Image                              |
| MMA6900KQ PDF Datasheet                  | MMA6900KQ Download Datasheet            | MMA6900KQ Datasheet                          |
| MMA6900KQ Stock                          | Buy MMA6900KQ                           | Buy NXP Semiconductors / Freescale MMA6900KQ |
| NXP Semiconductors / Freescale MMA6900KQ | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor   |
| NXP Semiconductors / Freescale MMA6900KQ | NXP Semiconductors MMA6900KQ            | Freescale MMA6900KQ                          |
| Freescale Semiconductor - NXP MMA6900KQ  | NXP USA Inc. MMA6900KQ                  |                                              |

Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>MMA6856ALKGCWR2</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: ACCELEROMETER 10BIT SPI 16QFN</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>MMA7260Q</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: ACCELEROMETER 1.5-6G ANAL 16QFN</div> <div>In stock: Out stock</div> <div>RFQ</div>     |
| <div></div> <div>MMA6901KQR2</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: ACCELEROMETER 5G PCM/SPI 16QFN</div> <div>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div>MMA6900KQR2</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: ACCELEROMETER 3.5G PCM/SPI 16QFN</div> <div>In stock: Out stock</div> <div>RFQ</div> |
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