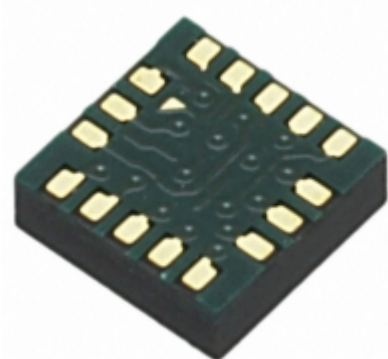


## MMA9553LR1



**Part Number:** [MMA9553LR1](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** ACCELEROMETER 2-8G I2C/SPI 16LGA  
**Data sheet:** [PDF MMA955xL](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">MMA9553LR1</a>
<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	ACCELEROMETER 2-8G I2C/SPI 16LGA
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	25146 pcs
<b>Product Photo</b>	<a href="#">MMA9553LR1.jpg</a>
<b>Category</b>	<a href="#">Sensors, Transducers</a>
<b>Voltage - Supply</b>	1.71 V ~ 1.89 V
<b>Type</b>	Digital
<b>Supplier Device Package</b>	16-LGA (3x3)
<b>Series</b>	-
<b>Sensitivity (mV/g)</b>	-
<b>Sensitivity (LSB/g)</b>	16393 (±2g) ~ 4098 (±8g)
<b>Packaging</b>	Cut Tape (CT)
<b>Package / Case</b>	16-VFLGA
<b>Output Type</b>	I <sup>2</sup> C, SPI
<b>Other Names</b>	MMA9553LR1CT
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Features</b>	Adjustable Bandwidth, Selectable Scale, Sleep Mode, Temperature Sensor
<b>Detailed Description</b>	Accelerometer X, Y, Z Axis ±2g, 4g, 8g 1.9Hz ~ 244Hz 16-LGA (3x3)
<b>Bandwidth</b>	1.9Hz ~ 244Hz
<b>Axis</b>	X, Y, Z
<b>Acceleration Range</b>	±2g, 4g, 8g

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">MMA9550LT</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 5347	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9559LR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 41167	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8652FCR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C 10DFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 86021	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8453QT</a> <b>Description:</b> ACCELEROMETER 2-8G I2C 16QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 61217	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9559LT</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 4495	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMAD1103E3/TR13</a> <b>Description:</b> TVS DIODE 75V 14SOIC	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 25135	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8491QT</a> <b>Description:</b> ACCELEROMETER 8G I2C 12QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 4166	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9550LR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 35187	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8491QR1</a> <b>Description:</b> ACCELEROMETER 8G I2C 12QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 100886	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9553LT</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 4624	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMAD1103/TR13</a> <b>Description:</b> TVS DIODE 75V 14SOIC	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 4108	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9559LKUBE</a> <b>Description:</b> MMA9559L CUBE DEMOBOARD	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 5710	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMAD1104/TR13</a> <b>Description:</b> TVS DIODE 75V 14SOIC	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 5379	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8453QR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C 16QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 58414	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8491QR2</a> <b>Description:</b> ACCELEROMETER 8G I2C 18QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 96301	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMAD1103E3</a> <b>Description:</b> TVS DIODE 75V 14SOIC	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 4285	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9551LR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 5373	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA9555LR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C/SPI 16LGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 31479	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMAD1104E3/TR13</a> <b>Description:</b> TVS DIODE 75V 14SOIC	<b>Manufacturers:</b> <a href="#">Microsemi</a> <b>In Stock:</b> 5852	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MMA8653FCR1</a> <b>Description:</b> ACCELEROMETER 2-8G I2C 10DFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 73839	<a href="#">RFQ</a>

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