



NXP Semiconductors / Freescale

MMA8451QR1

Part Number:	MMA8451QR1
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	ACCELEROMETER 2-8G I2C 16QFN
Datasheets:	 MMA8451QR1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MMA8451QR1

PART NUMBER	MMA8451QR1
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	ACCELEROMETER 2-8G I2C 16QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MMA8451QR1.pdf
VOLTAGE - SUPPLY	1.95 V ~ 3.6 V
TYPE	Digital
SUPPLIER DEVICE PACKAGE	16-QFN (3x3)
SERIES	-
SENSITIVITY (MV/G)	-
SENSITIVITY (LSB/G)	4096 (±2g) ~ 1024 (±8g)
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-VFQFN
OUTPUT TYPE	I ² C
OTHER NAMES	935310199167 MMA8451QR1-ND MMA8451QR1TR
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	26 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FEATURES	Adjustable Bandwidth, Selectable Scale, Sleep Mode
DETAILED DESCRIPTION	Accelerometer X, Y, Z Axis ±2g, 4g, 8g 0.78Hz ~ 400Hz 16-QFN (3x3)
BANDWIDTH	0.78Hz ~ 400Hz
AXIS	X, Y, Z
ACCELERATION RANGE	±2g, 4g, 8g

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