

**MMA8451QR1 Information**


For Reference Only

**Part Number** [MMA8451QR1](#)  
**Manufacturer** NXP  
**Category** Sensors, Transducers  
[Motion Sensors - Accelerometers](#)  
**Description** ACCELEROMETER 2-8G I2C 16QFN  
**Package** 16-VFQFN  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**MMA8451QR1 Specifications**

Manufacturer Part Number	<a href="#">MMA8451QR1</a>
Manufacturer	NXP
Category	Sensors, Transducers <a href="#">Motion Sensors - Accelerometers</a>
Package	16-VFQFN
Series	-
Type	Digital
Axis	X, Y, Z
Acceleration Range	±2g, 4g, 8g
Sensitivity (LSB/g)	4096 (±2g) ~ 1024 (±8g)
Sensitivity (mV/g)	-
Bandwidth	0.78Hz ~ 400Hz
Output Type	I2C
Voltage - Supply	1.95 V ~ 3.6 V
Features	Adjustable Bandwidth, Selectable Scale, Sleep Mode
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	16-VFQFN
Supplier Device Package	16-QFN (3x3)

[Report errors?](#)

## MMA8451QR1 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## MMA8451QR1 Payment Methods



## MMA8451QR1 Shipping Methods



If you have any question about MMA8451QR1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)