

BMA255 Information



For Reference Only

Part Number [BMA255](#)
Manufacturer Bosch Sensortec
Category Sensors, Transducers
[Motion Sensors - Accelerometers](#)
Description ACCEL 2-16G I2C/SPI 12LGA
Package 12-VFLGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.



BMA255 Specifications

Manufacturer Part Number	BMA255
Manufacturer	Bosch Sensortec
Category	Sensors, Transducers
	Motion Sensors - Accelerometers
Package	12-VFLGA
Series	-
Type	Digital
Axis	X, Y, Z
Acceleration Range	±2g, 4g, 8g, 16g
Sensitivity (LSB/g)	1024 (±2g) ~ 128 (±16g)
Sensitivity (mV/g)	-
Bandwidth	8Hz ~ 1kHz
Output Type	I2C, SPI
Voltage - Supply	1.62 V ~ 3.6 V
Features	Adjustable Bandwidth, Selectable Low Pass Filter, Selectable Scale
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	12-VFLGA
Supplier Device Package	12-LGA (2x2)

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BMA255 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.

BMA255 Payment Methods



BMA255 Shipping Methods



If you have any question about BMA255, please do not hesitate to contact us!

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