



MMA5112LW Information

Heisener.com

Part Number MMA5112LW

Manufacturer NXP

Category Sensors, Transducers

Motion Sensors - Accelerometers

Description ACCELEROMETER 120G PCM/SPI 16QFN

Package 16-QFN Exposed Pad

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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MMA5112LW Specifications

Manufacturer Part NumberMMA5112LWManufacturerNXPCategorySensors, TransducersPackage16-QFN Exposed PadSeriesAutomotive, AEC-Q100, MMATypeDigitalAxisZAcceleration Range±120gSensitivity (LSB/g)4Sensitivity (mV/g)-Bandwidth-Output TypePCM, SPIVoltage - Supply4.2 V ~ 17 VFeaturesSelectable Low Pass FilterOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case16-QFN Exposed PadSupplier Device Package16-QFN (6x6)Report errors?	•	
Category Sensors, Transducers Motion Sensors - Accelerometers Package 16-QFN Exposed Pad Series Automotive, AEC-Q100, MMA Type Digital Axis Z Acceleration Range ±120g Sensitivity (LSB/g) 4 Sensitivity (mV/g) Bandwidth Output Type PCM, SPI Voltage - Supply Features Selectable Low Pass Filter Operating Temperature Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package	Manufacturer Part Number	MMA5112LW
PackageMotion Sensors - AccelerometersPackage16-QFN Exposed PadSeriesAutomotive, AEC-Q100, MMATypeDigitalAxisZAcceleration Range±120gSensitivity (LSB/g)4Sensitivity (mV/g)-Bandwidth-Output TypePCM, SPIVoltage - Supply4.2 V ~ 17 VFeaturesSelectable Low Pass FilterOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case16-QFN Exposed PadSupplier Device Package16-QFN (6x6)	Manufacturer	NXP
Package 16-QFN Exposed Pad Series Automotive, AEC-Q100, MMA Type Digital Axis Z Acceleration Range ±120g Sensitivity (LSB/g) 4 Sensitivity (mV/g) - Bandwidth - Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Category	Sensors, Transducers
Series Automotive, AEC-Q100, MMA Type Digital Axis Z Acceleration Range ±120g Sensitivity (LSB/g) 4 Sensitivity (mV/g) - Bandwidth - Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)		Motion Sensors - Accelerometers
Type Digital Axis Z Acceleration Range ±120g Sensitivity (LSB/g) 4 Sensitivity (mV/g) - Bandwidth - Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Package	16-QFN Exposed Pad
Axis Z Acceleration Range $\pm 120g$ Sensitivity (LSB/g) 4 Sensitivity (mV/g) $-$ Bandwidth $-$ Output Type PCM , SPI Voltage - Supply $4.2 \text{ V} \sim 17 \text{ V}$ Features $Selectable Low Pass Filter$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type $Surface Mount$ Package / Case 16 -QFN Exposed Pad Supplier Device Package 16 -QFN (6x6)	Series	Automotive, AEC-Q100, MMA
Acceleration Range ±120g Sensitivity (LSB/g) 4 Sensitivity (mV/g) - Bandwidth - Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Туре	Digital
Sensitivity (LSB/g) Sensitivity (mV/g) Bandwidth Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package	Axis	Z
Sensitivity (mV/g) Bandwidth Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package	Acceleration Range	±120g
Bandwidth Output Type PCM, SPI Voltage - Supply 4.2 V ~ 17 V Features Selectable Low Pass Filter Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Sensitivity (LSB/g)	4
Output TypePCM, SPIVoltage - Supply $4.2 \text{ V} \sim 17 \text{ V}$ FeaturesSelectable Low Pass FilterOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 16-QFN Exposed PadSupplier Device Package 16-QFN (6x6)	Sensitivity (mV/g)	-
Voltage - Supply $4.2 \text{ V} \sim 17 \text{ V}$ Features Selectable Low Pass Filter Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Bandwidth	-
FeaturesSelectable Low Pass FilterOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 16-QFN Exposed PadSupplier Device Package 16-QFN (6x6)	Output Type	PCM, SPI
Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Voltage - Supply	4.2 V ~ 17 V
Mounting Type Surface Mount Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Features	Selectable Low Pass Filter
Package / Case 16-QFN Exposed Pad Supplier Device Package 16-QFN (6x6)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 16-QFN (6x6)	Mounting Type	Surface Mount
••	Package / Case	16-QFN Exposed Pad
Report errors?	Supplier Device Package	16-QFN (6x6)
		Report errors?

MMA5112LW 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.

MMA5112LW Payment Methods



















MMA5112LW Shipping Methods













If you have any question about MMA5112LW, please do not hesitate to contact us!

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