

MLX91206LDC-CAH-001-SP

MLX91206LDC-CAH-001-SP Information



For Reference Only

Part Number MLX91206LDC-CAH-001-SP
Manufacturer Melexis Technologies NV
Category Sensors, Transducers

Current Transducers

Description SENSOR CURRENT HALL 25MT AC/DC

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MLX91206LDC-CAH-001-SP Specifications

Manufacturer Part Number MLX91206LDC-CAH-001-SP Manufacturer Melexis Technologies NV Category Sensors, Transducers Package 8-SOIC (0.154", 3.90mm Width) Series Triaxis? For Measuring AC/DC Sensor Type Hall Effect, Open Loop Current - Sensing 25mT Number of Channels 1 Output Ratiometric, Voltage or PWM (Selectable) Sensitivity 270mV/mT Frequency DC ~ 90kHz Linearity ±0.5% Accuracy ±1% Voltage - Supply 4.5 V ~ 5.5 V Response Time 8µs Current - Supply (Max) 12mA Operating Temperature +0°C ~ 150°C Polarization Bidirectional Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		
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Number of Channels1OutputRatiometric, Voltage or PWM (Selectable)Sensitivity270mV/mTFrequencyDC ~ 90kHzLinearity±0.5%Accuracy±1%Voltage - Supply4.5 V ~ 5.5 VResponse Time8µsCurrent - Supply (Max)12mAOperating Temperature-40°C ~ 150°CPolarizationBidirectionalMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Sensor Type	Hall Effect, Open Loop
OutputRatiometric, Voltage or PWM (Selectable)Sensitivity270mV/mTFrequencyDC ~ 90kHzLinearity±0.5%Accuracy±1%Voltage - Supply4.5 V ~ 5.5 VResponse Time8μsCurrent - Supply (Max)12mAOperating Temperature-40°C ~ 150°CPolarizationBidirectionalMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Current - Sensing	25mT
Sensitivity 270mV/mT Frequency DC \sim 90kHz Linearity $\pm 0.5\%$ Accuracy $\pm 1\%$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Response Time $8\mu \text{s}$ Current - Supply (Max) 12mA Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Polarization Bidirectional Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ (0.154", 3.90mm Width)	Number of Channels	1
Frequency DC $\sim 90 \text{kHz}$ Linearity $\pm 0.5\%$ Accuracy $\pm 1\%$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Response Time $8\mu \text{s}$ Current - Supply (Max) 12mA Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Polarization Bidirectional Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ (0.154", 3.90mm Width)	Output	Ratiometric, Voltage or PWM (Selectable)
Linearity $\pm 0.5\%$ Accuracy $\pm 1\%$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Response Time $8\mu s$ Current - Supply (Max) $12mA$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Polarization Bidirectional Mounting Type Surface Mount Package / Case $8\text{-SOIC }(0.154^{\circ}, 3.90\text{mm Width})$	Sensitivity	270mV/mT
Accuracy $\pm 1\%$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Response Time $8\mu s$ Current - Supply (Max) $12mA$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Polarization Bidirectional Mounting Type Surface Mount Package / Case $8-\text{SOIC }(0.154^{\circ}, 3.90 \text{mm Width})$	Frequency	DC ~ 90kHz
Voltage - Supply $ \begin{array}{lllllllllllllllllllllllllllllllllll$	Linearity	±0.5%
Response Time8μsCurrent - Supply (Max)12mAOperating Temperature-40°C ~ 150°CPolarizationBidirectionalMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Accuracy	±1%
Current - Supply (Max) 12mA Operating Temperature -40°C ~ 150°C Polarization Bidirectional Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply	4.5 V ~ 5.5 V
Operating Temperature -40°C ~ 150°C Polarization Bidirectional Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Response Time	8μs
Polarization Bidirectional Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply (Max)	12mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 150°C
Package / Case 8-SOIC (0.154", 3.90mm Width)	Polarization	Bidirectional
	Mounting Type	Surface Mount
Report errors?	Package / Case	8-SOIC (0.154", 3.90mm Width)
		Report errors?

MLX91206LDC-CAH-001-SP Guarantees



Ouality 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.

MLX91206LDC-CAH-001-SP Payment Methods

































If you have any question about MLX91206LDC-CAH-001-SP, please do not hesitate to contact us!

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