



A1383ELHLT-T Information



For Reference Only

Part Number A1383ELHLT-T

Manufacturer Allegro MicroSystems, LLC

Category Sensors, Transducers

Magnetic Sensors - Linear, Compass (ICs)

Description SENSOR LINEAR ANALOG SOT23W

Package SOT-23W

For the pricing/inventory/lead time, please contact

us

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



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A1383ELHLT-T Specifications

Manufacturer Part NumberA1383ELHLT-TManufacturerAllegro MicroSystems, LLCCategorySensors, TransducersMagnetic Sensors - Linear, Compass (ICs)PackageSOT-23WSeries-TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range-Voltage - Supply4.5 V ~ 5.5 VCurrent - Supply (Max)8mACurrent - Output (Max)10mAResolution-Bandwidth21kHzOperating Temperature-40°C ~ 85°C (TA)FeaturesProgrammable, Temperature CompensatedPackage / CaseSOT-23W	•	
Category Sensors, Transducers Magnetic Sensors - Linear, Compass (ICs) Package SOT-23W Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) 8mA Current - Output (Max) 10mA Resolution - Bandwidth 21kHz Operating Temperature -40°C ~ 85°C (TA) Features Programmable, Temperature Compensated	Manufacturer Part Number	A1383ELHLT-T
Package SOT-23W Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) 8mA Current - Output (Max) 10mA Resolution - Bandwidth 21kHz Operating Temperature - 40°C ~ 85°C (TA) Features Possion SOT-23W Linear, Compass (ICs) And General, Compass (ICs) Analog Voltage (ICs) Analog Voltage (ICs) Axis Single Axis Single Analog Voltage (ICS) Axis Single Analog Voltage (ICS) Axis Single Axis Sing	Manufacturer	Allegro MicroSystems, LLC
PackageSOT-23WSeries-TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range-Voltage - Supply4.5 V ~ 5.5 VCurrent - Supply (Max)8mACurrent - Output (Max)10mAResolution-Bandwidth21kHzOperating Temperature-40°C ~ 85°C (TA)FeaturesProgrammable, Temperature Compensated	Category	Sensors, Transducers
Series Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) Current - Output (Max) Resolution - Bandwidth 21kHz Operating Temperature -40°C ~ 85°C (TA) Features Programmable, Temperature Compensated		Magnetic Sensors - Linear, Compass (ICs)
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Axis Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) Current - Output (Max) Resolution Bandwidth Operating Temperature -40°C ~ 85°C (TA) Features Single Analog Voltage - Analog Voltage - Analog Voltage - Library - Analog Voltage - Library - Analog Voltage - A	Туре	Linear
Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) Current - Output (Max) Resolution - Bandwidth 21kHz Operating Temperature -40°C ~ 85°C (TA) Features Analog Voltage - Analog Vo	Technology	Hall Effect
Sensing Range-Voltage - Supply4.5 V ~ 5.5 VCurrent - Supply (Max)8mACurrent - Output (Max)10mAResolution-Bandwidth21kHzOperating Temperature-40°C ~ 85°C (TA)FeaturesProgrammable, Temperature Compensated	Axis	Single
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Supply (Max) 8mA Current - Output (Max) 10mA Resolution-Bandwidth 21kHz Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)FeaturesProgrammable, Temperature Compensated	Output Type	Analog Voltage
Current - Supply (Max) 8mA Current - Output (Max) 10mA Resolution - Bandwidth 21kHz Operating Temperature -40°C ~ 85°C (TA) Features Programmable, Temperature Compensated	Sensing Range	-
Current - Output (Max) $10mA$ Resolution-Bandwidth $21kHz$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)FeaturesProgrammable, Temperature Compensated	Voltage - Supply	4.5 V ~ 5.5 V
Resolution -	Current - Supply (Max)	8mA
Bandwidth $21kHz$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)FeaturesProgrammable, Temperature Compensated	Current - Output (Max)	10mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Features Programmable, Temperature Compensated	Resolution	-
Features Programmable, Temperature Compensated	Bandwidth	21kHz
	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case SOT-23W	Features	Programmable, Temperature Compensated
	Package / Case	SOT-23W
Supplier Device Package SOT-23W	Supplier Device Package	SOT-23W
Report errors?		Report errors?

A1383ELHLT-T 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.

A1383ELHLT-T Payment Methods





















A1383ELHLT-T Shipping Methods













If you have any question about A1383ELHLT-T, please do not hesitate to contact us!

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