



### **A1321LUA-T Information**

Part Number A1321LUA-T

Manufacturer Allegro MicroSystems, LLC

Category Sensors, Transducers

Magnetic Sensors - Linear, Compass (ICs)

**Description** SENSOR LINEAR ANALOG 3SIP

Package 3-SSIP

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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# **A1321LUA-T Specifications**

Manufacturer Part Number         A1321LUA-T           Manufacturer         Allegro MicroSystems, LLC           Category         Sensors, Transducers           Magnetic Sensors - Linear, Compass (ICs)           Package         3-SSIP           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         30kHz           Operating Temperature         -40°C ~ 150°C (TA)           Features         Temperature Compensated           Package / Case         3-SSIP           Supplier Device Package         3-SIP		
Category         Sensors, Transducers           Package         3-SSIP           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         30kHz           Operating Temperature         -40°C ~ 150°C (TA)           Features         Temperature Compensated           Package / Case         3-SSIP           Supplier Device Package         3-SIP	Manufacturer Part Number	A1321LUA-T
Package         3-SSIP           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         30kHz           Operating Temperature         -40°C ~ 150°C (TA)           Features         Temperature Compensated           Package / Case         3-SSIP           Supplier Device Package         3-SIP	Manufacturer	Allegro MicroSystems, LLC
Package3-SSIPSeries-TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range-Voltage - Supply4.5 V ~ 5.5 VCurrent - Supply (Max)8mACurrent - Output (Max)10mAResolution-Bandwidth30kHzOperating Temperature-40°C ~ 150°C (TA)FeaturesTemperature CompensatedPackage / Case3-SSIPSupplier Device Package3-SIP	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)         8mA           Current - Output (Max)         10mA           Resolution         -           Bandwidth         30kHz           Operating Temperature         -40°C ~ 150°C (TA)           Features         Temperature Compensated           Package / Case         3-SSIP           Supplier Device Package         3-SIP		Magnetic Sensors - Linear, Compass (ICs)
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 30kHz Operating Temperature -40°C ~ 150°C (TA) Features Temperature Compensated Package / Case 3-SSIP Supplier Device Package	Package	3-SSIP
Technology Axis Single Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V Current - Supply (Max) Sensolution Bandwidth Operating Temperature -40°C ~ 150°C (TA) Features Temperature Compensated Supplier Device Package 3-SIP	Series	-
Axis Output Type Analog Voltage Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V  Current - Supply (Max) 8mA Current - Output (Max) 10mA  Resolution - Bandwidth Operating Temperature -40°C ~ 150°C (TA)  Features Temperature Compensated  Package / Case 3-SSIP  Supplier Device Package 3-SIP	Туре	Linear
Output Type Analog Voltage  Sensing Range - Voltage - Supply 4.5 V ~ 5.5 V  Current - Supply (Max) 8mA  Current - Output (Max) 10mA  Resolution - Bandwidth Operating Temperature -40°C ~ 150°C (TA)  Features Temperature Compensated  Package / Case 3-SSIP  Supplier Device Package 3-SIP	Technology	Hall Effect
Sensing Range  Voltage - Supply  4.5 V ~ 5.5 V  Current - Supply (Max)  8mA  Current - Output (Max)  Resolution  Bandwidth  Operating Temperature  -40°C ~ 150°C (TA)  Features  Temperature Compensated  Package / Case  3-SSIP  Supplier Device Package	Axis	Single
Voltage - Supply4.5 V ~ 5.5 VCurrent - Supply (Max)8mACurrent - Output (Max)10mAResolution-Bandwidth30kHzOperating Temperature-40°C ~ 150°C (TA)FeaturesTemperature CompensatedPackage / Case3-SSIPSupplier Device Package3-SIP	Output Type	Analog Voltage
Current - Supply (Max)  Current - Output (Max)  Resolution  Bandwidth  Operating Temperature  -40°C ~ 150°C (TA)  Features  Temperature Compensated  Package / Case  3-SSIP  Supplier Device Package	Sensing Range	-
Current - Output (Max)  Resolution - Bandwidth Operating Temperature -40°C ~ 150°C (TA)  Features Temperature Compensated  Package / Case 3-SSIP  Supplier Device Package 3-SIP	Voltage - Supply	4.5 V ~ 5.5 V
Resolution-Bandwidth30kHzOperating Temperature-40°C ~ 150°C (TA)FeaturesTemperature CompensatedPackage / Case3-SSIPSupplier Device Package3-SIP	Current - Supply (Max)	8mA
Bandwidth 30kHz  Operating Temperature -40°C ~ 150°C (TA)  Features Temperature Compensated  Package / Case 3-SSIP  Supplier Device Package 3-SIP	Current - Output (Max)	10mA
Operating Temperature -40°C ~ 150°C (TA)  Features Temperature Compensated  Package / Case 3-SSIP  Supplier Device Package 3-SIP	Resolution	-
Features Temperature Compensated Package / Case 3-SSIP Supplier Device Package 3-SIP	Bandwidth	30kHz
Package / Case 3-SSIP Supplier Device Package 3-SIP	Operating Temperature	-40°C ~ 150°C (TA)
Supplier Device Package 3-SIP	Features	Temperature Compensated
	Package / Case	3-SSIP
Report errors?	Supplier Device Package	3-SIP
		Report errors?

### **A1321LUA-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.

# **A1321LUA-T Payment Methods**



















### **A1321LUA-T Shipping Methods**













If you have any question about A1321LUA-T, please do not hesitate to contact us!

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