

## A1229LUA-T

Request a Quote

### **A1229LUA-T Information**

|                    | Part Number  | A1229LUA-T  |
|--------------------|--------------|---|
|                    | Manufacturer | Allegro MicroSystems, LLC   |
| What beisener both | Category     | Sensors, Transducers<br>Magnetic Sensors - Switches (Solid State)         |
|                    | Description  | MAGNETIC SWITCH LATCH 3SIP  |
| lu                 | Package      | 3-SSIP  |
|                    |              | For the pricing/inventory/lead time, please contact                       |
| For Reference Only |              | us<br>Website: https://www.heisener.com<br>E-mail: salesdept@heisener.com |



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.



## **A1229LUA-T Specifications**

| Manufacturer Part NumberA1229LUA-TManufacturerAllegro MicroSystems, LLCCategorySensors, TransducersMagnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionLatchTechnologyHall EffectPolarizationSouth PoleSensing Range-0mT Trip, -20mT ReleaseTest Condition40°C ~ 150°CVoltage - Supply (Max)GmACurrent - Output (Max)Qien DrainOutput TypeOpen DrainFeatures-Operating Temperature40°C ~ 150°C (TA)Package / Case3-SSIPSupplier Device Package3-SSIP  |                          |   |  |
|--|--------------------------|---|--|
| CategorySensors, TransducersMagnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionLatchTechnologyHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Output (Max)GmAOutput TypeOpen DrainFeatures-Openating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP  | Manufacturer Part Number | A1229LUA-T                                |  |
| Magnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionLatchTechnologyHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAOutput TypeOpen DrainFeatures-Package / Case38SIP  | Manufacturer             | Allegro MicroSystems, LLC                 |  |
| Package3-SSIPSeries-FunctionLatchTechnologyHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)GmACurrent - Output (Max)Open DrainFeatures-Openating Temperature-40°C ~ 150°C (TA)Package / Case3.SSIP  | Category                 | Sensors, Transducers                      |  |
| Series-Series-FunctionLatchTechnologyHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)GmACurrent - Output (Max)Open DrainFeatures-Polarization-Polarization-Sensing Range-Operating Temperature-Sensing Range-Sensing Range-                     |                          | Magnetic Sensors - Switches (Solid State) |  |
| FunctionLatchFunctionHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAPolatization-Features-Poperating Features-Porating Temperature-Porating Temperature-Supple Case-Supple Case- <t< td=""><td>Package</td><td colspan="2">3-SSIP</td></t<> | Package                  | 3-SSIP                                    |  |
| TechnologyHall EffectPolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAOutput Type-Features-Operating Temperature-40°C ~ 150°C (TA)Package / Case3.5SIP   | Series                   | -   |  |
| PolarizationSouth PoleSensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAOutput TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3.5SIP   | Function                 | Latch                                     |  |
| Sensing Range20mT Trip, -20mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAOutput TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3.5SIP   | Technology               | Hall Effect                               |  |
| Test Condition-40°C ~ 150°CVoltage - Supply3.8 V ~ 24 VCurrent - Supply (Max)6mACurrent - Output (Max)25mAOutput TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP  | Polarization             | South Pole                                |  |
| Voltage - Supply 3.8 V ~ 24 V   Current - Supply (Max) 6mA   Current - Output (Max) 25mA   Output Type Open Drain   Features -   Operating Temperature -40°C ~ 150°C (TA)   Package / Case 3-SSIP  | Sensing Range            | 20mT Trip, -20mT Release                  |  |
| Current - Supply (Max)6mACurrent - Output (Max)25mAOutput TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP   | Test Condition           | -40°C ~ 150°C                             |  |
| Current - Output (Max)25mAOutput TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP  | Voltage - Supply         | 3.8 V ~ 24 V                              |  |
| Output TypeOpen DrainFeatures-Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP  | Current - Supply (Max)   | 6mA                                       |  |
| Features-Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP   | Current - Output (Max)   | 25mA                                      |  |
| Operating Temperature-40°C ~ 150°C (TA)Package / Case3-SSIP  | Output Type              | Open Drain                                |  |
| Package / Case 3-SSIP  | Features                 | -   |  |
|  | Operating Temperature    | -40°C ~ 150°C (TA)                        |  |
| Supplier Device Package 3-SIP  | Package / Case           | 3-SSIP                                    |  |
|  | Supplier Device Package  | 3-SIP                                     |  |
| Report errors?   |                          | Report errors?                            |  |

### A1229LUA-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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

## A1229LUA-T Payment Methods



## A1229LUA-T Shipping Methods



If you have any question about A1229LUA-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com