

# A3213LUA-T

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### **A3213LUA-T Information**

What beisener ison	Part Number	A3213LUA-T	
	Manufacturer	Allegro MicroSystems, LLC	
	Category	Sensors, Transducers Magnetic Sensors - Switches (Solid State)	
	Description	MAGNETIC SWITCH OMNIPOLAR 3SIP	
	Package	3-SSIP	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

# **Certified Quality**

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.



# **A3213LUA-T Specifications**

Manufacturer Part NumberA3213LUA-TManufacturerAllegro MicroSystems, LLCCategorySensors, TransducersMagnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionOmnipolar SwitchTechnologyHall EffectPolarization£itherSensing Range±7mT Trip, ±1mT ReleaseTest Condition-40°C ~150°CVoltage - Supply (Max)2.4 V ~ 5.5 VCurrent - Output (Max)ImAOutput TypeOpen Drain			
CategorySensors, TransducersMagnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionOmnipolar SwitchTechnologyHall EffectPolarizationEitherSensing Range±7mT Trip, ±1mT ReleaseTest Condition2.4 V ~ 5.5 VVoltage - Supply (Max)ZmACurrent - Output (Max)ImA	Manufacturer Part Number	A3213LUA-T	
Nagnetic Sensors - Switches (Solid State)Package3-SSIPSeries-FunctionOmnipolar SwitchTechnologyHall EffectPolarizationEitherSensing Range±7mT Trip, ±1mT ReleaseTest Condition.40°C ~ 150°CVoltage - Supply2.4 V ~ 5.5 VCurrent - Supply (Max)ImA	Manufacturer	Allegro MicroSystems, LLC	
Package3-SSIPSeries-FunctionOmnipolar SwitchTechnologyHall EffectPolarizationEitherSensing Range±7mT Trip, ±1mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply2.4 V ~ 5.5 VCurrent - Supply (Max)ImA	Category	Sensors, Transducers	
Series -   Function Omnipolar Switch   Technology Hall Effect   Polarization Either   Sensing Range ±7mT Trip, ±1mT Release   Test Condition -40°C ~ 150°C   Voltage - Supply (Max) 2mA   Current - Output (Max) ImA		Magnetic Sensors - Switches (Solid State)	
FunctionOmnipolar SwitchTechnologyHall EffectPolarizationEitherSensing Range±7mT trip, ±1mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply (Max)2.4 V ~ 5.5 VCurrent - Output (Max)ImA	Package	3-SSIP	
TechnologyHall EffectPolarizationEitherSensing Range $\pm 7mT$ Trip, $\pm 1mT$ ReleaseTest Condition $-40^{\circ}C \sim 150^{\circ}C$ Voltage - Supply $2.4 V \sim 5.5 V$ Current - Supply (Max) $2mA$ Current - Output (Max)ImA	Series	-	
PolarizationEitherSensing Range±7mT Trip, ±1mT ReleaseTest Condition-40°C ~ 150°CVoltage - Supply2.4 V ~ 5.5 VCurrent - Supply (Max)2mACurrent - Output (Max)1mA	Function	Omnipolar Switch	
Sensing Range ±7mT Trip, ±1mT Release   Test Condition -40°C ~ 150°C   Voltage - Supply 2.4 V ~ 5.5 V   Current - Supply (Max) 2mA   Current - Output (Max) 1mA	Technology	Hall Effect	
Test Condition-40°C ~ 150°CVoltage - Supply2.4 V ~ 5.5 VCurrent - Supply (Max)2mACurrent - Output (Max)1mA	Polarization	Either	
Voltage - Supply 2.4 V ~ 5.5 V   Current - Supply (Max) 2mA   Current - Output (Max) 1mA	Sensing Range	±7mT Trip, ±1mT Release	
Current - Supply (Max)2mACurrent - Output (Max)1mA	Test Condition	$-40^{\circ}\mathrm{C} \sim 150^{\circ}\mathrm{C}$	
Current - Output (Max) 1mA	Voltage - Supply	2.4 V ~ 5.5 V	
-	Current - Supply (Max)	2mA	
Output Type Open Drain	Current - Output (Max)	1mA	
	Output Type	Open Drain	
Features -	Features	-	
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TA)	Operating Temperature	$-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{(TA)}$	
Package / Case 3-SSIP	Package / Case	3-SSIP	
Supplier Device Package 3-SIP	Supplier Device Package	3-SIP	
Report errors?		Report errors?	

#### A3213LUA-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 BUARANTEE

#### **Service Guarantees**

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

# A3213LUA-T Payment Methods



## A3213LUA-T Shipping Methods



If you have any question about A3213LUA-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com