



### **NUD3112LT1 Information**



For Reference Only

Part NumberNUD3112LT1ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

**Description** IC INDCT LOAD/RELAY DRVR SOT23

**Package** TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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



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## **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.









## **NUD3112LT1 Specifications**

Manufacturer Part Number         NUD3112LT1           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         Low Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         14V (Max)           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         300mA           Rds On (Typ)         900 mOhm (Max)           Input Type         -           Features         -           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3 (TO-236)		
Category         Integrated Circuits (ICs)           PMIC - Power Distribution Switches, Load Drivers           Package         TO-236-3, SC-59, SOT-23-3           Series         -           Switch Type         General Purpose           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         Low Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         14V (Max)           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         300mA           Rds On (Typ)         900 mOhm (Max)           Input Type         -           Features         -           Fault Protection         -           Operating Temperature         -40°C ~ 85°C (TA)           Package / Case         TO-236-3, SC-59, SOT-23-3           Supplier Device Package         SOT-23-3 (TO-236)	Manufacturer Part Number	NUD3112LT1
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Voltage - Load  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  300mA  Rds On (Typ)  900 mOhm (Max)  Input Type  - Features  - Fault Protection  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  TO-236-3, SC-59, SOT-23-3  Supplier Device Package  SOT-23-3 (TO-236)	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)300mARds On (Typ)900 mOhm (Max)Input Type-Features-Fault Protection-Operating Temperature-40°C ~ 85°C (TA)Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3 (TO-236)	Interface	On/Off
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Rds On (Typ) 900 mOhm (Max)  Input Type - Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA)  Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 (TO-236)	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type - Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 (TO-236)	Current - Output (Max)	300mA
Features - Fault Protection - Operating Temperature -40°C ~ 85°C (TA) Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 (TO-236)	Rds On (Typ)	900 mOhm (Max)
Fault Protection - Operating Temperature -40°C $\sim$ 85°C (TA) Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 (TO-236)	Input Type	-
Operating Temperature -40°C ~ 85°C (TA)  Package / Case TO-236-3, SC-59, SOT-23-3  Supplier Device Package SOT-23-3 (TO-236)	Features	-
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 (TO-236)	Fault Protection	-
Supplier Device Package SOT-23-3 (TO-236)	Operating Temperature	-40°C ~ $85$ °C (TA)
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3 (TO-236)
		Report errors?

#### **NUD3112LT1 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.

# **NUD3112LT1 Payment Methods**



















### **NUD3112LT1 Shipping Methods**













If you have any question about NUD3112LT1, please do not hesitate to contact us!

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