



Image may be representation.
See specifications for product details.



TLE4966LHALA1

Manufacturer Part Number	TLE4966LHALA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLE4966LHALA1
ECAD Model	Request Free CAD Models
Parts Description	MAGNETIC SWITCH BIPOLAR SSO-4-1
Package	4-SIP, SSO-4-1
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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TLE4966LHALA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE4966LHALA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLE4966LHALA1, please send us email: info@allelco.com

Specifications

TLE4966LHALA1 Tech Specifications

TLE4966LHALA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Cut Tape (CT)
Voltage - Supply	2.7V ~ 18V	Output Type	Open Collector
Test Condition	25°C	Operating Temperature	-40°C ~ 150°C (TJ)
Technology	Hall Effect	Mounting Type	Through Hole
Supplier Device Package	PG-SSO-4-1	Function	Bipolar Switch
Series	Automotive, AEC-Q100	Features	Temperature Compensated
Sensing Range	10mT Trip, -10mT Release	Current - Supply (Max)	7mA
Polarization	North Pole, South Pole	Current - Output (Max)	10mA
Package / Case	4-SIP, SSO-4-1	Base Product Number	TLE4966

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE4966LHALA1

Product Attribute				
Part Number	TLE4966LHALA1	TLE4966H	TLE49681MXTSA1	TLE4976-2K
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Polarization	North Pole, South Pole	North Pole, South Pole	North Pole, South Pole	South Pole
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Package	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Technology	Hall Effect	Hall Effect	Hall Effect	Hall Effect
Features	Temperature Compensated	Temperature Compensated	Temperature Compensated	Temperature Compensated
Current - Output (Max)	10mA	10mA	25mA	100mA
Test Condition	25°C	25°C	25°C	25°C
Series	Automotive, AEC-Q100	TLE	Automotive, AEC-Q100	-
Base Product Number	TLE4966	-	TLE49681	-
Current - Supply (Max)	7mA	7mA	2.5mA	8mA
Voltage - Supply	2.7V ~ 18V	2.7V ~ 18V	3V ~ 32V	3.8V ~ 24V
Output Type	Open Collector	Open Collector	Open Drain	Open Collector
Package / Case	4-SIP, SSO-4-1	SOT-23-6 Thin, TSOT-23-6	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 170°C (TJ)	-40°C ~ 150°C
Sensing Range	10mT Trip, -10mT Release	10mT Trip, -10mT Release	2.25mT Trip, -2.25mT Release	18mT Trip, 5mT Release
Supplier Device Package	PG-SSO-4-1	PG-TSOP6-6	PG-SOT23-3-15	PG-SC59-3
Function	Bipolar Switch	Bipolar Switch	Bipolar Switch	Unipolar Switch

TLE4966LHALA1 Datasheet PDF

Download TLE4966LHALA1 pdf datasheets and Infineon Technologies documentation for TLE4966LHALA1 - Infineon Technologies.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

Customers Also Interested in

Recommended Products

**TLE4966H**Infineon Technologies
MAGNETIC SWITCH BIPOLAR TSOP-6-6**TLE49681MXTSA1**Infineon Technologies
MAG SWITCH BIPOLAR SOT23-3**TLE4968-1K**Cypress Semiconductor
(Infineon Technologies)**TLE4976L**Cypress Semiconductor
(Infineon Technologies)**TLE4983C**Cypress Semiconductor
(Infineon Technologies)**TLE4966K**Cypress Semiconductor
(Infineon Technologies)**TLE4976-2K**Infineon Technologies
TLE4976 - HALL SWITCH**TLE49663KHTSA1**Infineon Technologies
MAG SWITCH SPEC PURP TSOP-6-6**TLE4966L**Cypress Semiconductor
(Infineon Technologies)**TLE4976-1K**Infineon Technologies
TLE4976 - HALL SWITCH**TLE4981C**Cypress Semiconductor
(Infineon Technologies)**TLE4983C-HT E6547**Cypress Semiconductor
(Infineon Technologies)**TLE49662KHTSA1**Infineon Technologies
MAG SWITCH SPEC PURP TSOP-6-6**TLE49662GHTSA1**Infineon Technologies
MAG SWITCH SPEC PURP TSOP-6-9**TLE4966B**Cypress Semiconductor
(Infineon Technologies)**TLE4966-3K**Cypress Semiconductor
(Infineon Technologies)

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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