



Image may be representation.
See specifications for product details.



TLE49663KHTSA1

Manufacturer Part Number	TLE49663KHTSA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLE49663KHTSA1
ECAD Model	Request Free CAD Models
Parts Description	MAG SWITCH SPEC PURP TSOP-6-6
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TLE49663KHTSA1 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE49663KHTSA1 datasheet/specifications on AllelcoElec.com. Request a quote for TLE49663KHTSA1, please send us email: info@allelco.com

Specifications

TLE49663KHTSA1 Tech Specifications
TLE49663KHTSA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Tape & Reel (TR)
Voltage - Supply	2.7V ~ 24V	Output Type	Open Collector
Test Condition	-	Operating Temperature	-
Technology	Hall Effect	Mounting Type	Surface Mount
Supplier Device Package	PG-TSOP6-6	Function	Special Purpose
Series	Automotive, AEC-Q100	Features	Temperature Compensated
Sensing Range	-	Current - Supply (Max)	7mA
Polarization	-	Current - Output (Max)	50mA
Package / Case	SOT-23-6 Thin, TSOT-23-6	Base Product Number	TLE49663

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE49663KHTSA1

Product Attribute				
Part Number	TLE49663KHTSA1	TLE49646MXTMA1	TLE49681MXTSA1	TLE49643MXTMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Output Type	Open Collector	Open Drain	Open Drain	Open Drain
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Features	Temperature Compensated	Temperature Compensated	Temperature Compensated	Temperature Compensated
Sensing Range	-	5.4mT Trip, 0.9mT Release	2.25mT Trip, -2.25mT Release	±5mT Trip, ±4.2mT Release
Voltage - Supply	2.7V ~ 24V	3V ~ 32V	3V ~ 32V	2.7V ~ 32V
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Base Product Number	TLE49663	TLE49646	TLE49681	TLE49643
Current - Output (Max)	50mA	25mA	25mA	2mA
Operating Temperature	-	-40°C ~ 170°C (TJ)	-40°C ~ 170°C (TJ)	-40°C ~ 170°C
Test Condition	-	25°C	25°C	25°C
Current - Supply (Max)	7mA	2.5mA	2.5mA	2.5mA
Polarization	-	South Pole	North Pole, South Pole	Either
Function	Special Purpose	Unipolar Switch	Bipolar Switch	Unipolar Switch
Supplier Device Package	PG-TSOP6-6	PG-SOT23-3-15	PG-SOT23-3-15	PG-SOT23-3-15
Technology	Hall Effect	Hall Effect	Hall Effect	Hall Effect
Package / Case	SOT-23-6 Thin, TSOT-23-6	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3

TLE49663KHTSA1 Datasheet PDF

Download TLE49663KHTSA1 pdf datasheets and Infineon Technologies documentation for TLE49663KHTSA1 - Infineon Technologies.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

PCN Assembly/Origin



Customers Also Interested in

Recommended Products



TLE49646MXTMA1
Infineon Technologies
MAG SWITCH UNIPOLAR SOT23-3



TLE4966-3K
Cypress Semiconductor
(Infineon Technologies)



TLE4964-2M
Cypress Semiconductor
(Infineon Technologies)



TLE49681MXTSA1
Infineon Technologies
MAG SWITCH BIPOLAR SOT23-3



TLE49643MXTMA1
Infineon Technologies
MAG SWITCH IC HALL EFF SOT23-3



TLE49662GHTSA1
Infineon Technologies
MAG SWITCH SPEC PURP TSOP6-6-9



TLE4966K,TLE4966H
Cypress Semiconductor
(Infineon Technologies)



TLE4966H
Infineon Technologies
MAGNETIC SWITCH BIPOLAR TSOP-6-6



TLE4968-1K
Cypress Semiconductor
(Infineon Technologies)



TLE4966LHALA1
Infineon Technologies
MAGNETIC SWITCH BIPOLAR SSO-4-1



TLE49662KHTSA1
Infineon Technologies
MAG SWITCH SPEC PURP TSOP-6-6



TLE4966K
Cypress Semiconductor
(Infineon Technologies)



TLE4964-2K
Cypress Semiconductor
(Infineon Technologies)



TLE4966-2K
Cypress Semiconductor
(Infineon Technologies)



TLE4966L
Cypress Semiconductor
(Infineon Technologies)



TLE4966B
Cypress Semiconductor
(Infineon Technologies)



TLE4964-6M
Cypress Semiconductor
(Infineon Technologies)



TLE4968-1M
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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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