



TLE4941-1C

Manufacturer Part Number	TLE4941-1C
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLE4941-1C
ECAD Model	Request Free CAD Models
Parts Description	MAGNETIC SWITCH HALL EFFECT SENS
Package	2-SIP, SSO-2-53
Data sheet	TLE4941-1C.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

TLE4941-1C - Infineon Technologies. New Original in Stock. Download Linear Technology TLE4941-1C datasheet/specifications on AllelcoElec.com.
Request a quote for TLE4941-1C, please send us email: info@allelco.com

Specifications

TLE4941-1C Tech Specifications

TLE4941-1C - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Bulk
Voltage - Supply	4.5V ~ 20V	Output Type	Current Source
Test Condition	-	Operating Temperature	-40°C ~ 150°C
Technology	Hall Effect	Mounting Type	Through Hole
Supplier Device Package	PG-SSO-2-53	Function	Special Purpose
Series	-	Features	-
Sensing Range	-	Current - Supply (Max)	16.8mA
Polarization	North Pole, South Pole	Current - Output (Max)	-
Package / Case	2-SIP, SSO-2-53		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE4941-1C

Product Attribute	NO PICTURE			
Part Number	TLE4941-1C	TLE4935LHALA1	TLE4941C	TLE4945-2L
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Output Type	Current Source	Open Collector	Current Source	Open Collector
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Test Condition	-	25°C	-	25°C
Features	-	Temperature Compensated	-	Temperature Compensated
Voltage - Supply	4.5V ~ 20V	3.8V ~ 24V	4.5V ~ 20V	3.8V ~ 24V
Function	Special Purpose	Latch	Special Purpose	Bipolar Switch
Current - Output (Max)	-	100mA	-	100mA
Polarization	North Pole, South Pole	South Pole	North Pole, South Pole	North Pole, South Pole
Technology	Hall Effect	Hall Effect	Hall Effect	Hall Effect
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Supply (Max)	16.8mA	8mA	16.8mA	8mA
Package	Bulk	Cut Tape (CT)	Bulk	Cut Tape (CT)
Supplier Device Package	PG-SSO-2-53	PG-SSO-3-2	PG-SSO-2-4	PG-SSO-3-2
Package / Case	2-SIP, SSO-2-53	3-SSIP, SSO-3-02	2-SIP, SSO-2-2	3-SSIP, SSO-3-02
Series	-	Automotive, AEC-Q100	TLE	TLE
Sensing Range	-	20mT Trip, -20mT Release	-	6mT Trip, -6mT Release

Customers Also Interested in

Recommended Products

TLE4935LHALA1 Infineon Technologies MAGNETIC SWITCH LATCH SSO-2-2	TLE4941-1 Cypress Semiconductor (Infineon Technologies)	TLE493D-W2B6 A3 Cypress Semiconductor (Infineon Technologies)	TLE4941C Infineon Technologies HALL EFFECT SENSOR	TLE4945-2L Infineon Technologies MAGNETIC SWITCH BIPOLAR SSO-3-2	TLE4943C Infineon Technologies MAGNETIC SWITCH HALL EFFECT SENS
TLE49411CBAMA1 Infineon Technologies MAG SWITCH SPEC PURP SSO-2-2	TLE4942-1C-HT Infineon Technologies MAG SWITCH SPEC PURP SSO-2-2	TLE4931 Cypress Semiconductor (Infineon Technologies)	TLE4941PLUSC Cypress Semiconductor (Infineon Technologies)	TLE4935G Infineon Technologies MAGNETIC SWITCH LATCH SOT89-3	TLE4945-2G Infineon Technologies MAGNETIC SWITCH BIPOLAR SOT89-3

**TLE4942-1C**

Infineon Technologies
TLE4942 - MAGNETIC SPEED
SENSOR

**TLE4935L**

Cypress Semiconductor
(Infineon Technologies)

**TLE4931C**

Cypress Semiconductor
(Infineon Technologies)

**TLE49421CHAMA2**

Infineon Technologies
MAGNETIC SWITCH SPECIAL
PURPOSE

**TLE493DW2B6A1HTSA1**

Infineon Technologies
SENSOR HALL I2C TSOP-6-6-8

**TLE4928C**

Infineon Technologies
MAGNETIC SWITCH SPEC PURP SSO-
3

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.

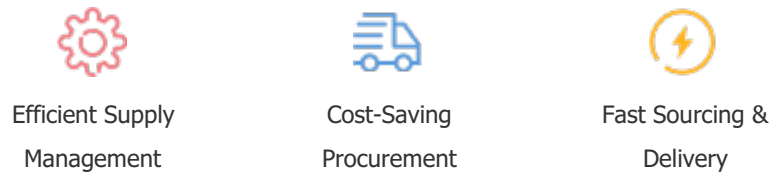
Payment Support

The payment method can be chosen from the methods shown below:

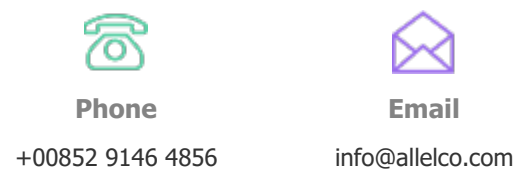
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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