

Image may be representation.
See specifications for product details.



TLE7183F

Manufacturer Part Number	TLE7183F
Manufacturer	Infineon Technologies
Allelco Part Number	32D-TLE7183F
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MOTOR DRIVER 5.5V-20V 48VQFN
Package	48-VFQFN Exposed Pad
Data sheet	TLE7183F.pdf

Get a Quote

TLE7183F - Infineon Technologies. New Original in Stock. Download Linear Technology TLE7183F datasheet/specifications on AllelcoElec.com.
Request a quote for TLE7183F, please send us email: info@allelco.com

Specifications

TLE7183F Tech Specifications
TLE7183F - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	5.5V ~ 20V	Mounting Type	Surface Mount
Voltage - Load	-	Motor Type - Stepper	-
Technology	Power MOSFET	Motor Type - AC, DC	Brushless DC (BLDC)
Supplier Device Package	PG-VQFN-48-4	Interface	Parallel
Step Resolution	-	Function	Controller - Commutation, Direction Management
Series	-	Current - Output	-
Package / Case	48-VFQFN Exposed Pad	Base Product Number	TLE7183
Package	Tape & Reel (TR)	Applications	Automotive
Output Configuration	Pre-Driver - Half Bridge (3)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE7183F

Product Attribute				
Part Number	TLE7183F	TLE7182EM	TLE7184F3VXUMA2	TLE7184F
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Motor Type - Stepper	-	-	-	-
Technology	Power MOSFET	-	Power MOSFET	-
Interface	Parallel	-	Parallel	-
Voltage - Supply	5.5V ~ 20V	-	6V ~ 45V	-
Step Resolution	-	-	-	-
Applications	Automotive	-	Automotive	-
Motor Type - AC, DC	Brushless DC (BLDC)	-	Brushless DC (BLDC), Brushed DC	-
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-
Mounting Type	Surface Mount	-	-	-
Base Product Number	TLE7183	-	TLE7184	-
Current - Output	-	-	-	-
Package / Case	48-VFQFN Exposed Pad	-	-	-
Function	Controller - Commutation, Direction Management	-	Controller - Commutation, Direction Management	-
Voltage - Load	-	-	-	-
Series	-	-	-	-
Output Configuration	Pre-Driver - Half Bridge (3)	-	Pre-Driver - Half Bridge (3)	-
Supplier Device Package	PG-VQFN-48-4	-	-	-
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	-

TLE7183F Datasheet PDF

Download TLE7183F pdf datasheets and Infineon Technologies documentation for TLE7183F - Infineon Technologies.

Datasheets

TLE7183F.pdf

Other Related Documents

Part Number Guide.pdf



















PCN Other

Multiple Changes 15/Jul/2014.pdf

 TLExx Device EOL 22/Dec/2015.pdf

Customers Also Interested in

Recommended Products

					
TLE7184F Cypress Semiconductor (Infineon Technologies)	TLE7181EM Infineon Technologies TLE7181 - GATE DRIVER	TLE7182EM Infineon Technologies TLE7182 - GATE DRIVER	TLE6712GF1 INEINFON	TLE7184F3VXUMA2 Infineon Technologies IC MOTOR DRIVER 6V-45V 48VQFN	TLE6712GF Cypress Semiconductor (Infineon Technologies)
					
TLE7183F SCD3 Cypress Semiconductor (Infineon Technologies)	TLE7183QU Cypress Semiconductor (Infineon Technologies)	TLE6714GF2 INF	TLE7184F3V Cypress Semiconductor (Infineon Technologies)	TLE7183F SCD4 Cypress Semiconductor (Infineon Technologies)	TLE6716G INF
					
TLE7183F SCD5 Cypress Semiconductor (Infineon Technologies)	TLE7183QU SCD2 Cypress Semiconductor (Infineon Technologies)	TLE6716 Cypress Semiconductor (Infineon Technologies)	TLE6712G Cypress Semiconductor (Infineon Technologies)	TLE7181EMXUMA1 Infineon Technologies IC GATE DRVR HALF-BRIDGE SSOP-24	TLE67C-T2V1-35-34-Z3SV OSRAM

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

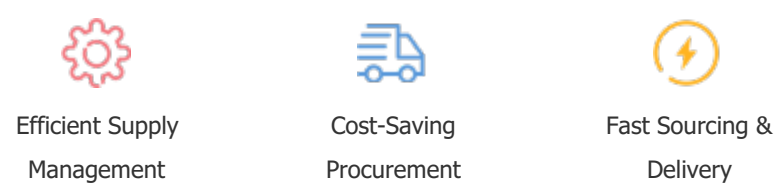
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

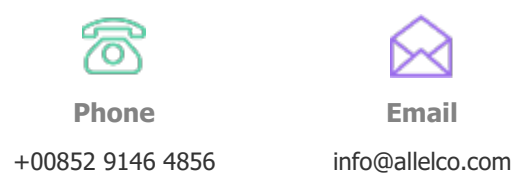
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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