



Image may be representation.
See specifications for product details.



MTS2916A-LGC1

Manufacturer Part Number	MTS2916A-LGC1
Manufacturer	Microchip Technology
Allelco Part Number	32D-MTS2916A-LGC1
ECAD Model	Request Free CAD Models
Parts Description	IC MTR DRV BIPOLR 4.5-5.5V 24SOP
Package	24-SOIC (0.295", 7.50mm Width)
Data sheet	MTS2916A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MTS2916A-LGC1 - Microchip Technology.New Original in Stock. Download Linear Technology MTS2916A-LGC1 datasheet/specifications on AllelcoElec.com.
Request a quote for MTS2916A-LGC1, please send us email: info@allelco.com

Specifications

MTS2916A-LGC1 Tech Specifications

MTS2916A-LGC1 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	4.5V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	10V ~ 40V	Motor Type - Stepper	Bipolar
Technology	CMOS	Motor Type - AC, DC	Brushed DC
Supplier Device Package	24-SOP	Interface	Parallel
Step Resolution	1, 1/2	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	750mA
Package / Case	24-SOIC (0.295", 7.50mm Width)	Base Product Number	MTS2916
Package	Tape & Reel (TR)	Applications	General Purpose
Output Configuration	Half Bridge (4)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MTS2916A-LGC1

Product Attribute				
Part Number	MTS2916A-LGC1	MTS2916A-HGC1	MTS62C19A-LS105	MTS62C19A-HS105
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	24-SOIC (0.295", 7.50mm Width)	24-SOIC (0.295", 7.50mm Width)	24-SOIC (0.295", 7.50mm Width)	24-SOIC (0.295", 7.50mm Width)
Output Configuration	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)	Half Bridge (4)
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Voltage - Load	10V ~ 40V	10V ~ 40V	10V ~ 40V	10V ~ 40V
Base Product Number	MTS2916	MTS2916	MTS62C19	MTS62C19
Interface	Parallel	Parallel	On/Off	On/Off
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Step Resolution	1, 1/2	1, 1/2	1, 1/2, 1/4, 1/8	1, 1/2, 1/4, 1/8
Technology	CMOS	CMOS	CMOS	CMOS
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Supplier Device Package	24-SOP	24-SOP	24-SOP	24-SOP
Series	-	-	-	-
Motor Type - Stepper	Bipolar	Bipolar	Bipolar	Bipolar
Current - Output	750mA	750mA	550mA	550mA
Motor Type - AC, DC	Brushed DC	Brushed DC	Brushed DC	Brushed DC
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Applications	General Purpose	General Purpose	Automotive	Automotive

MTS2916A-LGC1 Datasheet PDF

Download MTS2916A-LGC1 pdf datasheets and Microchip Technology documentation for MTS2916A-LGC1 - Microchip Technology.

Datasheets

[MTS2916A.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)



















PCN Obsolescence/ EOL

[Cancellation 02/Jun/2022.pdf](#)

[MTS2916A/MTS62C19A 05/May/2022.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE			 NO PICTURE
MTS6330G6 CYSTECH	MTS172LQ-A1 METALINK	MTS2072G6-0-T1-G CYSTECH	MTS200 E-7840 Cypress Semiconductor (Infineon Technologies)	MTS2916A-HGC1 Microchip Technology IC MTR DRV BIPOLR 4.5-5.5V 24SOP	MTSF1P02HDR2G MOTOROLA
 NO PICTURE		 NO PICTURE	 NO PICTURE	 NO PICTURE	
MTS20R-668-C3 43	MTS2916A Micrel / Microchip Technology	MTS200RREVERSE Siemens	MTSF3203R2G VBSEMI	MTS19R-418 43	MTS62C19A-LS105 Microchip Technology IC MTR DRV BIPOLR 4.5-5.5V 24SOP
 NO PICTURE			 NO PICTURE		 NO PICTURE
MTSF2P03HDR2 Motorola MTSF2P03 - TRANS MOSFET P-CH 30V	MTSF2P03HDR2 onsemi P-CHANNEL POWER MOSFET	MTS62C19A-HS105 Microchip Technology IC MTR DRV BIPOLR 4.5-5.5V 24SOP	MTSF2P02HDR2 MOTOROLA	MTSD128AKC7MS-1WT Micron Technology Inc. MICRO SD 128GB SD CARD	MTSF2P02HDR2G MOTOROLA

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 -


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 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
+00852 9146 4856

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Certifications & Memberships



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