

Image may be representation.
See specifications for product details.



MAX3643ETG+T

Manufacturer Part Number	MAX3643ETG+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX3643ETG+T
ECAD Model	Request Free CAD Models
Parts Description	IC LASER DRVR 2.5GB 3.6V 24TQFN
Package	24-WFQFN Exposed Pad
Data sheet	MAX3643.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX3643ETG+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX3643ETG+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX3643ETG+T, please send us email: info@allelco.com

Specifications

MAX3643ETG+T Tech Specifications
MAX3643ETG+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Channels	1
Voltage - Supply	3V ~ 3.6V	Mounting Type	Surface Mount
Type	Laser Diode Driver (Fiber Optic)	Data Rate	2.5Gbps
Supplier Device Package	24-TQFN (4x4)	Current - Supply	32 mA
Series	-	Current - Modulation	85mA
Package / Case	24-WFQFN Exposed Pad	Current - Bias	70 mA
Package	Tape & Reel (TR)	Base Product Number	MAX3643
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX3643ETG+T

Product Attribute				
Part Number	MAX3643ETG+T	MAX3646ETG	MAX3646ETG+TC86	MAX3646ETG+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MAX3643	MAX3646	MAX3646	MAX3646
Package / Case	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad
Data Rate	2.5Gbps	622Mbps	622Mbps	622Mbps
Number of Channels	1	1	1	1
Current - Bias	70 mA	100 mA	100 mA	100 mA
Voltage - Supply	3V ~ 3.6V	2.97V ~ 3.63V	2.97V ~ 3.63V	2.97V ~ 3.63V
Series	-	-	-	-
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Current - Modulation	85mA	85mA	85mA	85mA
Current - Supply	32 mA	47 mA	47 mA	47 mA
Supplier Device Package	24-TQFN (4x4)	24-TQFN (4x4)	24-TQFN-EP (4x4)	24-TQFN (4x4)
Type	Laser Diode Driver (Fiber Optic)	Laser Diode Driver (Fiber Optic)	Laser Diode Driver (Fiber Optic)	Laser Diode Driver (Fiber Optic)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

MAX3643ETG+T Datasheet PDF

Download MAX3643ETG+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX3643ETG+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX3643.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

Application Notes

[HFAN-02.7.0 Reducing Laser Driver Output Noise Whe.pdf](#)



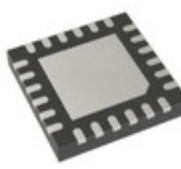


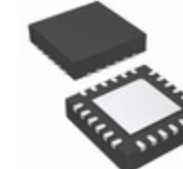

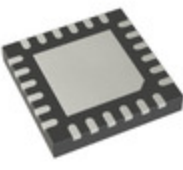
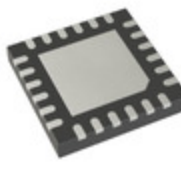


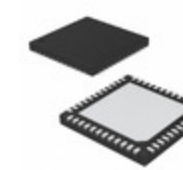


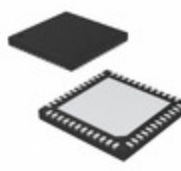
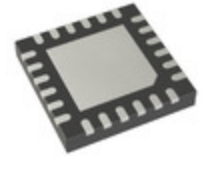


[HFRD-25.2: Low-Cost GEAPON SFF ONT with μC.pdf](#)

[HFRD-26.0: GEAPON SFF Host Board.pdf](#)

[MAX3643: Generating a TX Power Monitor in Burst Mo.pdf](#)

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Recommended Products

 MAX362CSE+T Analog Devices / Maxim Integrated	 MAX362CSE+ Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 850HM 16SOIC	 MAX3646ETG Analog Devices Inc./Maxim Integrated IC LASER DR 622MBPS 3.63V 24TQFN	 MAX362CSE Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 850HM 16SOIC	 MAX362ESE+T Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NOX4 850HM 16SOIC	 MAX3646ETG+TC86 Analog Devices Inc./Maxim Integrated INTEGRATED CIRCUIT
 MAX3645EEE Analog Devices Inc./Maxim Integrated IC LIMITING AMP 16QSOP	 MAX3646ETG+T Analog Devices Inc./Maxim Integrated IC LASER DR 622MBPS 3.63V 24TQFN	 MAX3646ETG+ Analog Devices Inc./Maxim Integrated IC LASER DR 622MBPS 3.63V 24TQFN	 MAX362EPE+ Analog Devices / Maxim Integrated	 MAX3640UCM Analog Devices Inc./Maxim Integrated IC INTERFACE SPECIALIZED 48LQFP	 MAX3634ETM Analog Devices Inc./Maxim Integrated IC CLOCK PHASE ALIGNER QFN
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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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Certifications & Memberships



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