

Image may be representation.  
See specifications for product details.



## MAX3646ETG+

Manufacturer Part Number	<b>MAX3646ETG+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX3646ETG+
ECAD Model	Request Free CAD Models
Parts Description	IC LASER DR 622MBPS 3.63V 24TQFN
Package	24-WFQFN Exposed Pad
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX3646ETG+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX3646ETG+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX3646ETG+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX3646ETG+ Tech Specifications

MAX3646ETG+ - 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	2.97V ~ 3.63V	Mounting Type	Surface Mount
Type	Laser Diode Driver (Fiber Optic)	Data Rate	622Mbps
Supplier Device Package	24-TQFN (4x4)	Current - Supply	47 mA
Series	-	Current - Modulation	85mA
Package / Case	24-WFQFN Exposed Pad	Current - Bias	100 mA
Package	Tube	Base Product Number	MAX3646
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 MAX3646ETG+

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

### MAX3646ETG+ Datasheet PDF

Download MAX3646ETG+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX3646ETG+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### Application Notes

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

[HFAN-02.6.0: Reducing Noise and Wander in Low-Spee.pdf](#)

### Customers Also Interested in

#### Recommended Products



**MAX3654ETE+**  
Analog Devices Inc./Maxim Integrated  
IC TRANSIMPEDANCE AMP 16TQFN



**MAX3643ETG+T**  
Analog Devices Inc./Maxim Integrated  
IC LASER DRVR 2.5GB 3.6V 24TQFN



**MAX3645ESE-T**  
Analog Devices / Maxim Integrated



**MAX3646ETG+T**  
Analog Devices Inc./Maxim Integrated  
IC LASER DR 622MBPS 3.63V 24TQFN



**MAX364ESE+**  
Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NCX4 850HM 16SOIC



**MAX364CSE+T**  
Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NCX4 850HM 16SOIC



**MAX3645EEE**  
Analog Devices Inc./Maxim Integrated  
IC LIMITING AMP 16QSOP



**MAX36434ETM+T**  
Analog Devices Inc./Maxim Integrated  
IC CLOCK PHASE ALIGNER GPON



**MAX364CSE**  
Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NCX4 850HM 16SOIC



**MAX3640UCM**  
Analog Devices Inc./Maxim Integrated  
IC INTERFACE SPECIALIZED 48LQFP



**MAX3646ETG+TC86**  
Analog Devices Inc./Maxim Integrated  
INTEGRATED CIRCUIT



**MAX364ESE**  
Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NCX4 850HM 16SOIC



**MAX3645ESE+T**  
Analog Devices Inc./Maxim Integrated  
IC LIMITING AMP 16SO



**MAX3645EEE+**  
Analog Devices Inc./Maxim Integrated  
IC LIMITING AMP 16QSOP



**MAX3646ETG**  
Analog Devices Inc./Maxim Integrated  
IC LASER DR 622MBPS 3.63V 24TQFN



**MAX36434ETM**  
Analog Devices Inc./Maxim Integrated  
IC CLOCK PHASE ALIGNER QFN



**MAX364CPE**  
Analog Devices Inc./Maxim Integrated  
IC SWITCH SPST-NCX4 850HM 16DIP



**MAX3645EEE+T**  
Analog Devices Inc./Maxim Integrated  
IC LIMITING AMP 16QSOP

## 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

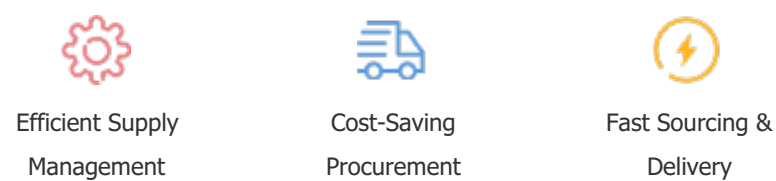
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

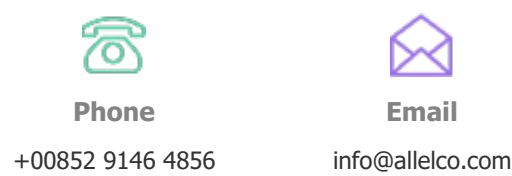
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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