

Image may be representation.
See specifications for product details.



MAX3738ETG+

Manufacturer Part Number	MAX3738ETG+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX3738ETG+
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC LASER DRV 4.25GB 3.63V 24TQFN
Package	24-WFQFN Exposed Pad
Data sheet	MAX3738.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX3738ETG+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX3738ETG+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX3738ETG+, please send us email: info@allelco.com

Specifications

MAX3738ETG+ Tech Specifications

MAX3738ETG+ - 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	4.25Gbps
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	MAX3738
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 MAX3738ETG+

Product Attribute				
Part Number	MAX3738ETG+	MAX3738ETG+TGDD0	MAX3735AETG	MAX3740AETG+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Current - Bias	100 mA	100 mA	100 mA	15 mA
Data Rate	4.25Gbps	4.25Gbps	2.7Gbps	3.2Gbps
Current - Supply	47 mA	47 mA	27 mA	55 mA
Package	Tube	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Voltage - Supply	2.97V ~ 3.63V	2.97V ~ 3.63V	2.97V ~ 3.63V	2.97V ~ 3.63V
Base Product Number	MAX3738	MAX3738	MAX3735	MAX3740
Supplier Device Package	24-TQFN (4x4)	24-TQFN (4x4)	24-TQFN (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)
Package / Case	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Channels	1	1	1	1
Current - Modulation	85mA	85mA	85mA	15mA

MAX3738ETG+ Datasheet PDF

Download MAX3738ETG+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX3738ETG+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX3738.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)

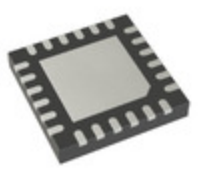
Application Notes

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

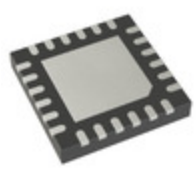
[HFAN-02.5.0: Single-Ended vs Differential Methods .pdf](#)

Customers Also Interested in

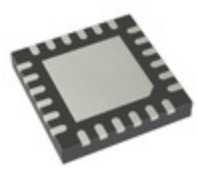
Recommended Products

**MAX3738ETG+TGDD0**

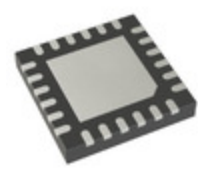
Analog Devices Inc./Maxim Integrated
155MBPS TO 4.25GBPS SFF/SFP LASE

**MAX3735AETG**

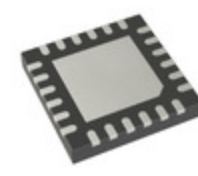
Analog Devices Inc./Maxim Integrated
IC LASER DRVR 2.7GB 3.63V 24TQFN

**MAX3740AETG+T**

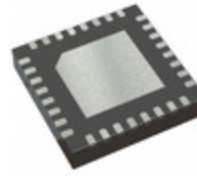
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IC LASER DRVR 3.2GB 3.63V 24TQFN

**MAX3735AETG+**

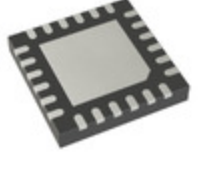
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IC LASER DRVR 2.7GB 3.63V 24TQFN

**MAX3735AETG-T**

Analog Devices Inc./Maxim Integrated
IC LASER DRVR 2.7GB 3.63V 24TQFN

**MAX3737ETJ+T**

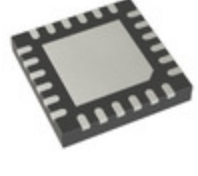
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IC LASER DRVR 2.7GB 3.63V 32TQFN

**MAX3735AETG+T**

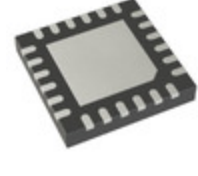
Analog Devices Inc./Maxim Integrated
IC LASER DRVR 2.7GB 3.63V 24TQFN

**MAX3738ETG**

Analog Devices Inc./Maxim Integrated
SFF/SFP LASER DRIVER

**MAX3740AETG**

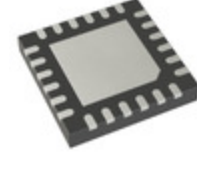
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IC LASER DRVR 3.2GB 3.63V 24TQFN

**MAX3738ETG+T**

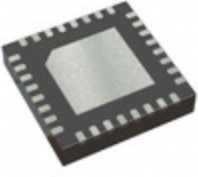
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**MAX3740ETG+T**

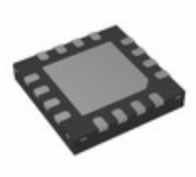
Analog Devices / Maxim Integrated

**MAX3740AETG-T**

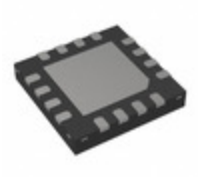
Analog Devices Inc./Maxim Integrated
IC LASER DRVR 3.2GB 3.63V 24TQFN

**MAX3737ETJ+**

Analog Devices Inc./Maxim Integrated
IC LASER DRVR 2.7GB 3.63V 32TQFN

**MAX3736ETE+T**

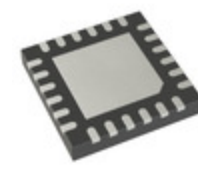
Analog Devices Inc./Maxim Integrated
IC LASER DRVR 3.2GB 3.63V 16TQFN

**MAX3746HETE#TG16**

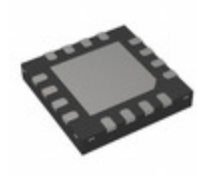
Analog Devices Inc./Maxim Integrated
IC LIMITING AMP 16TQFN

**MAX3728ACTE+T**

Analog Devices Inc./Maxim Integrated
IC LASER DIODE DRIVER QFN

**MAX3740AETG+**

Analog Devices Inc./Maxim Integrated
IC LASER DRVR 3.2GB 3.63V 24TQFN

**MAX3736ETE+**

Analog Devices Inc./Maxim Integrated
IC LASER DRVR 3.2GB 3.63V 16TQFN

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.

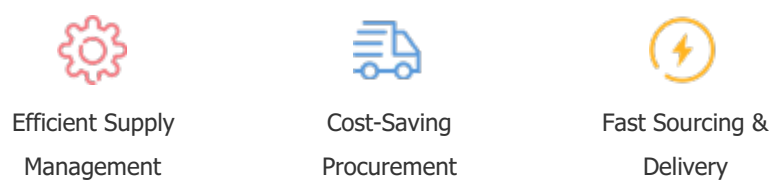
Contact us if you have any questions.

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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