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See specifications for product details.



MAX1576ETG+T

Manufacturer Part Number	MAX1576ETG+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1576ETG+T
ECAD Model	Request Free CAD Models
Parts Description	IC LED DRV RGLT MULT-STEP 24TQFN
Package	24-WFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1576ETG+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1576ETG+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1576ETG+T, please send us email: info@allelco.com

Specifications

MAX1576ETG+T Tech Specifications
MAX1576ETG+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Supply (Min)	2.7V	Number of Outputs	8
Voltage - Supply (Max)	5.5V	Mounting Type	Surface Mount
Voltage - Output	5V	Internal Switch(s)	Yes
Type	DC DC Regulator	Frequency	1MHz
Topology	Switched Capacitor (Charge Pump)	Dimming	Multi-Step
Supplier Device Package	24-TQFN (4x4)	Current - Output / Channel	30mA, 100mA (Flash)
Series	-	Base Product Number	MAX1576
Package / Case	24-WFQFN Exposed Pad	Applications	Backlight, Camera Flash
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1576ETG+T

Product Attribute				
Part Number	MAX1576ETG+T	MAX1575ETE	MAX1577ZETA+T	MAX1576ETG+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Number of Outputs	8	6	1	8
Voltage - Output	5V	-	5.1V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MAX1576	MAX1575	MAX1577	MAX1576
Voltage - Supply (Min)	2.7V	2.7V	2.7V	2.7V
Applications	Backlight, Camera Flash	Backlight	Backlight, Camera Flash	Backlight, Camera Flash
Internal Switch(s)	Yes	Yes	Yes	Yes
Voltage - Supply (Max)	5.5V	5.5V	5.5V	5.5V
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tube
Supplier Device Package	24-TQFN (4x4)	16-TQFN (4x4)	8-TDFN (3x3)	24-TQFN (4x4)
Frequency	1MHz	1MHz	1MHz	1MHz
Dimming	Multi-Step	Multi-Step	PWM	Multi-Step
Current - Output / Channel	30mA, 100mA (Flash)	30mA	800mA	30mA, 100mA (Flash)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package / Case	24-WFQFN Exposed Pad	16-WQFN Exposed Pad	8-WDFN Exposed Pad	24-WFQFN Exposed Pad
Topology	Switched Capacitor (Charge Pump)	Switched Capacitor (Charge Pump)	Switched Capacitor (Charge Pump)	Switched Capacitor (Charge Pump)
Type	DC DC Regulator	DC DC Regulator	DC DC Regulator	DC DC Regulator

MAX1576ETG+T Datasheet PDF

Download MAX1576ETG+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1576ETG+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX1576ETG+T.pdf](#)

Part Numbering Guide







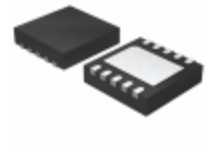



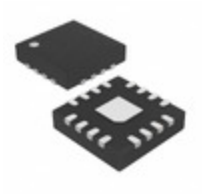


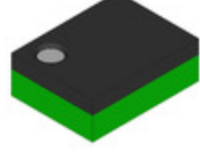
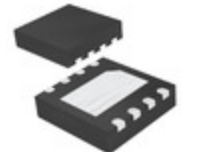
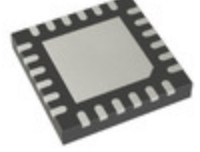

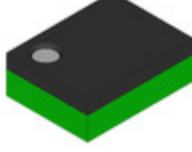
Application Notes

Driving LEDs in Battery-Operated Applications: Con.pdf

White-LED Driver Includes Overtemperature Protecti.pdf

Customers Also Interested in

Recommended Products

 MAX1575ETE Analog Devices Inc./Maxim Integrated WHITE LED 1X/1.5X CHARGE PUMP	 MAX1577ZETA+T Analog Devices Inc./Maxim Integrated IC LED DRV RGLTR PWM 800MA 8TDFN	 MAX1574TB Analog Devices / Maxim Integrated	 MAX1576ETG+ Analog Devices Inc./Maxim Integrated IC LED DRV RGLT MULT-STEP 24TQFN	 MAX1573ETE-T Analog Devices / Maxim Integrated	 MAX157BCPA+ Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 8DIP
 MAX1574ETB+T Analog Devices Inc./Maxim Integrated IC LED DRV RGLT MULT-STEP 10TDFN	 MAX1574ETB-T Analog Devices / Maxim Integrated	 MAX1574ETB+ Analog Devices / Maxim Integrated	 MAX1576ETG Analog Devices Inc./Maxim Integrated WHITE LED 1X/1.5X CHARGE PUMP	 MAX1575ETE+T Analog Devices Inc./Maxim Integrated IC LED DRV RGLT MULT-STEP 16TQFN	 MAX1573ETE+T Analog Devices Inc./Maxim Integrated IC LED DRV RGLTR PWM 28MA 16TQFN
 MAX1577EETA Analog Devices / Maxim Integrated	 MAX1582EBE+T Analog Devices Inc./Maxim Integrated STEP-UP CONVERTER FOR WHITE LED	 MAX1577YETA+T Analog Devices Inc./Maxim Integrated IC LED DRV RGLTR PWM 800MA 8TDFN	 MAX1578ETG+T Analog Devices Inc./Maxim Integrated IC PS BIAS/WHITE LED TFT 24-TQFN	 MAX157BEUA Analog Devices Inc./Maxim Integrated IC ADC 10BIT SAR 8UMAX	 MAX1582EBE Analog Devices Inc./Maxim Integrated HIGH-EFFICIENCY STEP-UP CONVERTER

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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