

Image may be representation.  
See specifications for product details.



## LED2472GBTR

Manufacturer Part Number	<b>LED2472GBTR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LED2472GBTR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC LED DRIVER LINEAR 72MA 48TQFP
Package	48-TQFP Exposed Pad
Data sheet	<b>LED2472G.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LED2472GBTR - STMicroelectronics.New Original in Stock. Download Linear Technology LED2472GBTR datasheet/specifications on AllelcoElec.com.  
Request a quote for LED2472GBTR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LED2472GBTR Tech Specifications

LED2472GBTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Supply (Min)	3V	Number of Outputs	24
Voltage - Supply (Max)	5.5V	Mounting Type	Surface Mount
Voltage - Output	19V	Internal Switch(s)	Yes
Type	Linear	Frequency	30MHz
Topology	Shift Register	Dimming	-
Supplier Device Package	48-TQFP-EP (7x7)	Current - Output / Channel	72mA
Series	-	Base Product Number	LED2472
Package / Case	48-TQFP Exposed Pad	Applications	Signage
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LED2472GBTR

Product Attribute				
Part Number	LED2472GBTR	<b>LED7707TR</b>	<b>LED1642GWTR</b>	<b>LED7706</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Outputs	24	6	16	6
Topology	Shift Register	Step-Up (Boost)	Shift Register	Step-Up (Boost)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Linear	DC DC Regulator	Linear	DC DC Regulator
Internal Switch(s)	Yes	Yes	Yes	Yes
Current - Output / Channel	72mA	85mA	40mA	30mA
Voltage - Output	19V	36V	19V	36V
Series	-	-	-	-
Dimming	-	PWM	PWM	PWM
Frequency	30MHz	250kHz ~ 1MHz	30MHz	250kHz ~ 1MHz
Applications	Signage	Backlight	Signage	Backlight
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	LED2472	LED7707	LED1642	LED7706
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TJ)
Voltage - Supply (Max)	5.5V	36V	5.5V	36V
Package / Case	48-TQFP Exposed Pad	24-VFQFN Exposed Pad	24-TSSOP (0.173', 4.40mm Width)	24-VFQFN Exposed Pad
Voltage - Supply (Min)	3V	4.5V	3V	4.5V
Supplier Device Package	48-TQFP-EP (7x7)	24-VFQFPN (4x4)	24-TSSOP	24-VFQFPN (4x4)

### LED2472GBTR Datasheet PDF

Download LED2472GBTR pdf datasheets and STMicroelectronics documentation for LED2472GBTR - STMicroelectronics.

#### PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

#### HTML Datasheet

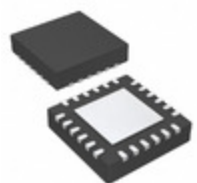

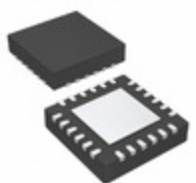
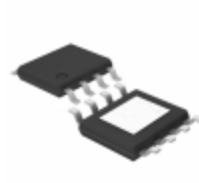
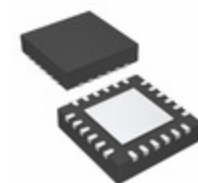


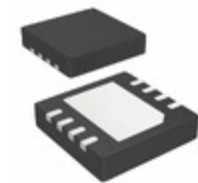
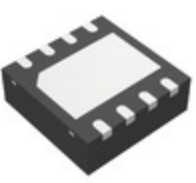






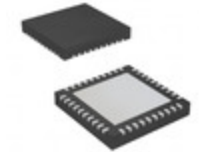

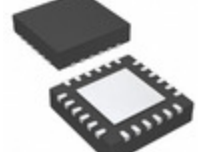
[LED2472G.pdf](#)

#### PCN Assembly/Origin

[TQFP/LQFP 15/Sep/2016.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>LED7707TR</b> STMicroelectronics IC LED DRVR RGLTR PWM 24VFQFPN	<b>LED1642GWTTTR</b> STMicroelectronics IC LED DRVR LIN PWM 40MA 24TSSOP	<b>LED7706</b> STMicroelectronics IC LED DRVR RGLTR PWM 24VFQFPN	<b>LED5000PHR</b> STMicroelectronics IC LED DRIVER RGLTR PWM 3A 8HSOP	<b>LED7706TR</b> STMicroelectronics IC LED DRVR RGLTR PWM 24VFQFPN	<b>LED55C</b> onsemi EMITTER IR 940NM 100MA TO-46
					
<b>LED1642GWPTTR</b> STMicroelectronics IC LED DRVR LIN PWM 40MA 24QSOP	<b>LED2001PUR</b> STMicroelectronics IC LED DRVR RGLTR PWM 4A 8VFQFPN	<b>LED2000PUR</b> STMicroelectronics IC LED DRVR RGLTR PWM 3A 8VFQFPN	<b>LED1202QTR</b> STMicroelectronics IC LED DRVR CTRLR ANALOG 20QFN	<b>LED2000DR</b> STMicroelectronics IC LED DRIVER RGLTR PWM 3A 8SOIC	<b>LED6001TR</b> STMicroelectronics IC LED DRIVER CTRLR PWM 16HTSSOP
					
<b>LED173048RSLR</b> Texas Instruments LED173048 - LED MATRIX DRIVER	<b>LED6001</b> STMicroelectronics IC LED DRIVER CTRLR PWM 16HTSSOP	<b>LED1642GWXTTR</b> STMicroelectronics IC LED DRVR LIN PWM 40MA 24TSSOP	<b>LED2472GQTR</b> STMicroelectronics IC LED DRIVER LINEAR 72MA 40MLPQ	<b>LED2001PHR</b> STMicroelectronics IC LED DRIVER RGLTR PWM 4A 8HSOP	<b>LED1642GWQTR</b> STMicroelectronics IC LED DRVR LIN PWM 40MA 24QFN

## 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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Contact us if you have any questions.

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### Certifications & Memberships



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