

Image may be representation.  
See specifications for product details.



## SY88982LMG

Manufacturer Part Number	<b>SY88982LMG</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-SY88982LMG
ECAD Model	Request Free CAD Models
Parts Description	IC LASER DRVR 2.7GBPS 3.6V 16MLF
Package	16-VFQFN Exposed Pad
Data sheet	<b>SY88982L.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SY88982LMG - Microchip Technology.New Original in Stock. Download Linear Technology SY88982LMG datasheet/specifications on AllelcoElec.com.  
Request a quote for SY88982LMG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SY88982LMG Tech Specifications  
SY88982LMG - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	3V ~ 3.6V	Number of Channels	1
Type	Laser Diode Driver (Fiber Optic)	Mounting Type	Surface Mount
Supplier Device Package	16-QFN (3x3)	Data Rate	2.7Gbps
Series	-	Current - Supply	48 mA
Package / Case	16-VFQFN Exposed Pad	Current - Modulation	90mA
Package	Tube	Base Product Number	SY88982

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY88982LMG

Product Attribute				
Part Number	SY88982LMG	<b>SY88992LMG</b>	<b>SY88973BLMG</b>	<b>SY88982LMI</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Micrel / Microchip Technology
Package	Tube	Tube	Tube	-
Base Product Number	SY88982	SY88992	SY88973	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-	-
Series	-	-	-	-
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	-
Current - Supply	48 mA	57 mA	-	-
Current - Modulation	90mA	25mA	-	-
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	16-QFN (3x3)	-
Number of Channels	1	1	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	-	-
Data Rate	2.7Gbps	4.25Gbps	-	-
Type	Laser Diode Driver (Fiber Optic)	Laser Diode Driver	Limiting Postamplifier	-

### SY88982LMG Datasheet PDF

Download SY88982LMG pdf datasheets and Microchip Technology documentation for SY88982LMG - Microchip Technology.

#### Datasheets

[SY88982L.pdf](#)

#### PCN Packaging

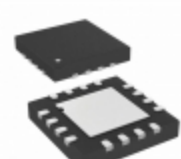
[2.73KHz.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products



**SY88973BLMG**

Microchip Technology  
IC LIMIT AMP 16MLF

**SY88982LMI**

Micrel / Microchip Technology

**SY88973VKI**

Microchip Technology  
IC LIMIT AMP 10MSOP

**SY88973VMG**

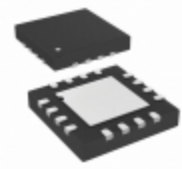
Microchip Technology  
IC LIMIT AMP 16MLF

**SY88973VEY/TR**

Micrel / Microchip Technology

**SY88993ALKG**

Microchip Technology  
IC LIMIT AMP 10MSOP



### SY88973VMGTR

Micrel / Microchip Technology



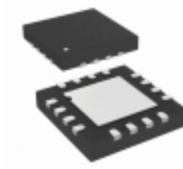
### SY88973VKG

Microchip Technology  
IC LIMIT AMP 10MSOP



### SY88982LMG/TR

Micrel / Microchip Technology

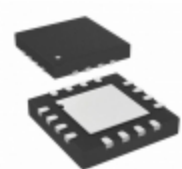


### SY88973VEY

Microchip Technology  
IC LIMIT AMP 10MSOP

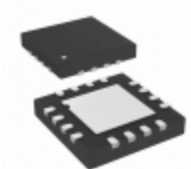
### SY88983VMI

Microchip Technology  
IC LIMIT AMP 16MLF



### SY88982LMITR

Micrel / Microchip Technology



### SY88983VMG

Microchip Technology  
IC LIMIT AMP 16MLF



### SY88973L

Micrel / Microchip Technology



### SY88982LMGTR

MICTEL

### SY88983VMGTR

Micrel / Microchip Technology

## 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 -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

## Certifications & Memberships



[View More](#)



## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
 Phone: +00852 9146 4856  
 Fax: +00852 3010 8510  
 Email: info@Allelco.com