

Image may be representation.  
See specifications for product details.



## SY58018UMG-TR

Manufacturer Part Number	<b>SY58018UMG-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-SY58018UMG-TR
ECAD Model	Request Free CAD Models
Parts Description	IC MULTIPLEXER 1 X 2:1 16MLF
Package	16-VFQFN Exposed Pad
Data sheet	<b>SY58018U.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SY58018UMG-TR - Microchip Technology. New Original in Stock. Download Linear Technology SY58018UMG-TR datasheet/specifications on AllelcoElec.com. Request a quote for SY58018UMG-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SY58018UMG-TR Tech Specifications  
SY58018UMG-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage Supply Source	Single Supply	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	2.375V ~ 2.625V, 3V ~ 3.6V	Mounting Type	Surface Mount
Type	Multiplexer	Independent Circuits	1
Supplier Device Package	16-QFN (3x3)	Current - Output High, Low	-
Series	Precision Edge®	Circuit	1 x 2:1
Package / Case	16-VFQFN Exposed Pad	Base Product Number	SY58018

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY58018UMG-TR

Product Attribute				
Part Number	SY58018UMG-TR	<b>SY58018UMI</b>	<b>SY58019UMI</b>	<b>SY58018UMG</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad	16-VFQFN Exposed Pad
Current - Output High, Low	-	-	-	-
Independent Circuits	1	1	1	1
Voltage Supply Source	Single Supply	Single Supply	Single Supply	Single Supply
Base Product Number	SY58018	SY58018	SY58019	SY58018
Series	Precision Edge®	Precision Edge®	Precision Edge®	Precision Edge®
Circuit	1 x 2:1	1 x 2:1	1 x 2:1	1 x 2:1
Supplier Device Package	16-QFN (3x3)	16-QFN (3x3)	16-MLF® (3x3)	16-QFN (3x3)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Type	Multiplexer	Multiplexer	Multiplexer	Multiplexer
Package	Tape & Reel (TR)	Bulk	Bulk	Tube
Voltage - Supply	2.375V ~ 2.625V, 3V ~ 3.6V	2.375V ~ 2.625V, 3V ~ 3.6V	2.375V ~ 2.625V, 3V ~ 3.6V	2.375V ~ 2.625V, 3V ~ 3.6V

### SY58018UMG-TR Datasheet PDF

Download SY58018UMG-TR pdf datasheets and Microchip Technology documentation for SY58018UMG-TR - Microchip Technology.

#### Datasheets

[SY58018U.pdf](#)

#### PCN Part Number

[Micrel to Microchip PN Changes 7/Oct/2015.pdf](#)

#### PCN Packaging

[MBB/Label Chgs 16/Nov/2018.pdf](#)

#### PCN Assembly/Origin

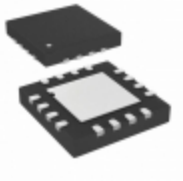
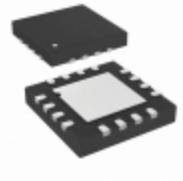

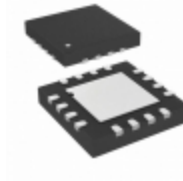
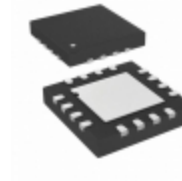
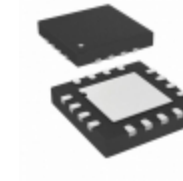
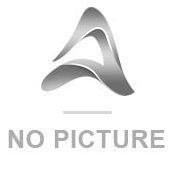
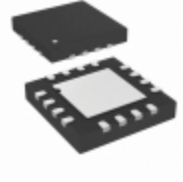
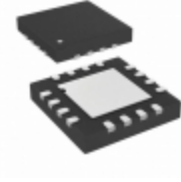
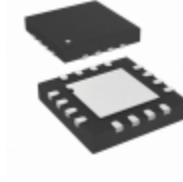

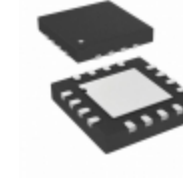
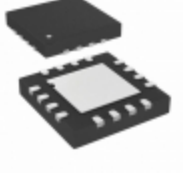

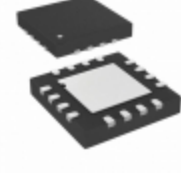
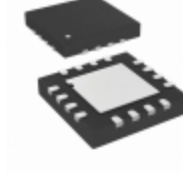
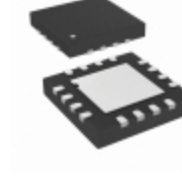

[Assembly Site 26/Apr/2021.pdf](#)

#### PCN Design/Specification

[SY58018U 19/Dec/2019.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>SY58018UMI</b> Microchip Technology IC MULTIPLEXER 1 X 2:1 16MLF	<b>SY58013UMI</b> Microchip Technology IC CLK BUFFER 1:2 6GHZ 16MLF	<b>SY58017UMG/TR</b> Micrel / Microchip Technology	<b>SY58013UMG</b> Microchip Technology IC CLK BUFFER 1:2 6GHZ 16MLF	<b>SY58012UMI</b> Microchip Technology IC CLK BUFFER 1:2 5GHZ 16MLF	<b>SY58016LMG</b> Microchip Technology IC LINE DRIVER/RCVR CML 16-MLF
					
<b>SY5801FAC</b> SILERGY	<b>SY58020UMG</b> Microchip Technology IC CLK BUFFER 1:4 6GHZ 16MLF	<b>SY58020UMI</b> Microchip Technology IC CLK BUFFER 1:4 6GHZ 16MLF	<b>SY58019UMI</b> Microchip Technology IC MULTIPLEXER 1 X 2:1 16MLF	<b>SY58020UMG/TR</b> Micrel / Microchip Technology	<b>SY58020UMG-TR</b> Microchip Technology IC CLK BUFFER 1:4 6GHZ 16MLF
					
<b>SY58011UMI</b> Microchip Technology IC CLK BUFFER 1:2 8GHZ 16MLF	<b>SY58020UMGTR</b> Micrel / Microchip Technology	<b>SY58012UMG</b> Microchip Technology IC CLK BUFFER 1:2 5GHZ 16MLF	<b>SY58018UMG</b> Microchip Technology IC MULTIPLEXER 1 X 2:1 16MLF	<b>SY58011UMG-TR</b> Microchip Technology IC CLK BUFFER 1:2 8GHZ 16MLF	<b>SY58018UMGTR</b> 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  
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Contact us if you have any questions.

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### Certifications & Memberships



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