

Image may be representation.
See specifications for product details.



SY56028XRMG

Manufacturer Part Number	SY56028XRMG
Manufacturer	Microchip Technology
Allelco Part Number	32D-SY56028XRMG
ECAD Model	Request Free CAD Models
Parts Description	IC CLK BUFFER 4:2 4.5GHZ 32QFN
Package	32-VFQFN Exposed Pad
Data sheet	SY56028XR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SY56028XRMG - Microchip Technology.New Original in Stock. Download Linear Technology SY56028XRMG datasheet/specifications on AllelcoElec.com. Request a quote for SY56028XRMG, please send us email: info@allelco.com

Specifications

SY56028XRMG Tech Specifications

SY56028XRMG - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output	CML
Voltage - Supply	2.375V ~ 2.625V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution), Multiplexer	Number of Circuits	1
Supplier Device Package	32-QFN (5x5)	Mounting Type	Surface Mount
Series	Precision Edge®	Input	CML, LVDS, LVPECL
Ratio - Input:Output	4:2	Frequency - Max	4.5 GHz
Package / Case	32-VFQFN Exposed Pad	Differential - Input:Output	Yes/Yes
Package	Tube	Base Product Number	SY56028

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY56028XRMG

Product Attribute				
Part Number	SY56028XRMG	SY58011UMG-TR	SY58011UMG	SY55857LKG
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Input	CML, LVDS, LVPECL	CML, LVDS, LVPECL	CML, LVDS, LVPECL	-
Number of Circuits	1	1	1	1
Package	Tube	Tape & Reel (TR)	Tube	Tube
Type	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution), Translator	Fanout Buffer (Distribution), Translator	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output	CML	CML	CML	-
Series	Precision Edge®	Precision Edge®	Precision Edge®	SY55
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C (TA)
Base Product Number	SY56028	SY58011	SY58011	SY55857
Package / Case	32-VFQFN Exposed Pad	16-VFQFN Exposed Pad, 16-MLF®	16-VFQFN Exposed Pad, 16-MLF®	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	-
Supplier Device Package	32-QFN (5x5)	16-MLF® (3x3)	16-MLF® (3x3)	10-MSOP
Ratio - Input:Output	4:2	1:2	1:2	-
Frequency - Max	4.5 GHz	8 GHz	8 GHz	-
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 3.6V	2.375V ~ 3.6V	-

SY56028XRMG Datasheet PDF

Download SY56028XRMG pdf datasheets and Microchip Technology documentation for SY56028XRMG - Microchip Technology.

PCN Packaging

2.73KHz.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

PCN Part Status Change

2.73KHz.pdf

HTML Datasheet





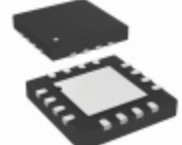










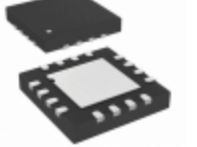


SY56028XR.pdf

PCN Assembly/Origin

SY56028XRMG/SY56572XRMG 04/Mar/2020.pdf

Customers Also Interested in

Recommended Products

					
SY55857LKG Microchip Technology IC TRANSLATOR UNIDIR 10MSOP	SY5800FAC SILERGY	SY5800AFAC SILERGY	SY55859L Micrel / Microchip Technology	SY58011UMG-TR Microchip Technology IC CLK BUFFER 1:2 8GHZ 16MLF	SY55859LMG/TR Micrel / Microchip Technology
					
SY55858UHY Micrel / Microchip Technology	SY5800BFAC SILERGY	SY55857L Micrel / Microchip Technology	SY55858UHG/TR Micrel / Microchip Technology	SY55859LMI Microchip Technology IC CROSSPOINT SW 2 X 2:2 32MLF	SY5605QYC Silergy
					
SY5800A SILERGY	SY55859LMG Microchip Technology IC CROSSPOINT SW 2 X 2:2 32MLF	SY55856UHI Microchip Technology IC DELAY LINE 7TAP 350PS 32TQFP	SY58011UMG Microchip Technology IC CLK BUFFER 1:2 8GHZ 16MLF	SY56805AQEC SILERGY	SY55858UHG Microchip Technology IC CROSSPOINT SW 2 X 2:2 32TQFP

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

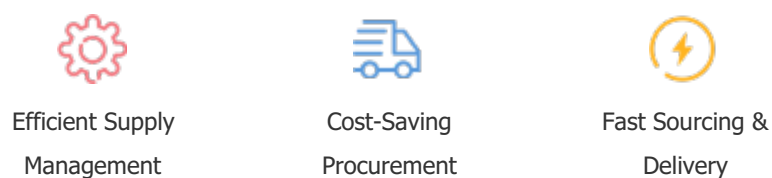
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

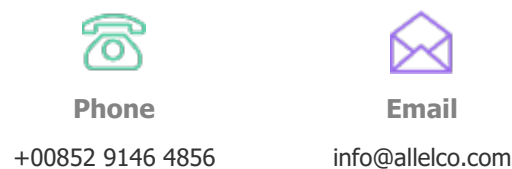
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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