

Image may be representation.
See specifications for product details.



SY89468UHY

Manufacturer Part Number	SY89468UHY
Manufacturer	Microchip Technology
Allelco Part Number	32D-SY89468UHY
ECAD Model	Request Free CAD Models
Parts Description	IC CLK BUFFER 2:20 1.5GHZ 64TQFP
Package	64-TQFP Exposed Pad
Data sheet	SY89468U.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SY89468UHY - Microchip Technology.New Original in Stock. Download Linear Technology SY89468UHY datasheet/specifications on AllelcoElec.com.
Request a quote for SY89468UHY, please send us email: info@allelco.com

Specifications

SY89468UHY Tech Specifications
SY89468UHY - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output	LVDS
Voltage - Supply	2.375V ~ 2.625V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution), Multiplexer	Number of Circuits	1
Supplier Device Package	64-TQFP-EP (10x10)	Mounting Type	Surface Mount
Series	Precision Edge®	Input	CML, LVDS, PECL
Ratio - Input:Output	2:20	Frequency - Max	1.5 GHz
Package / Case	64-TQFP Exposed Pad	Differential - Input:Output	Yes/Yes
Package	Tray	Base Product Number	SY89468

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY89468UHY

Product Attribute				
Part Number	SY89468UHY	SY89464UMY	SY89465UMY	SY89465UMY-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	1	1	1	1
Package / Case	64-TQFP Exposed Pad	44-VFQFN Exposed Pad, 44-MLF®	44-VFQFN Exposed Pad, 44-MLF®	44-VFQFN Exposed Pad, 44-MLF®
Type	Fanout Buffer (Distribution), Multiplexer	Multiplexer	Multiplexer	Multiplexer
Ratio - Input:Output	2:20	2:10	2:10	2:10
Input	CML, LVDS, PECL	CML, LVDS, PECL	CML, LVDS, PECL	CML, LVDS, PECL
Frequency - Max	1.5 GHz	2 GHz	2 GHz	2 GHz
Series	Precision Edge®	Precision Edge®	Precision Edge®	Precision Edge®
Output	LVDS	LVPECL	LVDS	LVDS
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Supplier Device Package	64-TQFP-EP (10x10)	44-MLF® (7x7)	44-MLF® (7x7)	44-MLF® (7x7)
Base Product Number	SY89468	SY89464	SY89465	SY89465
Package	Tray	Tray	Tray	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 3.6V	2.375V ~ 2.625V	2.375V ~ 2.625V

SY89468UHY Datasheet PDF

Download SY89468UHY pdf datasheets and Microchip Technology documentation for SY89468UHY - Microchip Technology.

Datasheets

SY89468U.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

PCN Assembly/Origin

SY89468UHY 11/Oct/2017.pdf

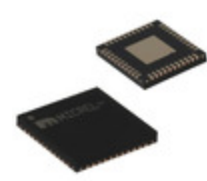
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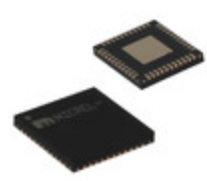
SY89473UMG

Microchip Technology
IC MULTIPLEXER 1 X 2:1 24MLF



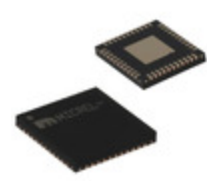
SY89464UMY

Microchip Technology
IC CLK MULTIPLEX 2:10 2GHZ 44MLF



SY89540UMG

Microchip Technology
IC CROSSPOINT SW 1 X 4:4 44MLF



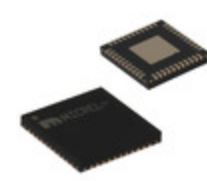
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Microchip Technology
IC CLK MULTIPLEX 2:10 2GHZ 44MLF



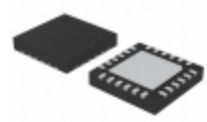
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SILERGY



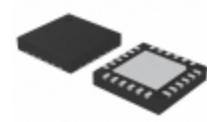
SY89465UMY-TR

Microchip Technology
IC CLK MULTIPLEX 2:10 2GHZ 44MLF



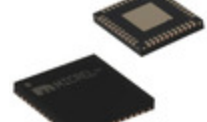
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Microchip Technology
IC MULTIPLEXER 1 X 2:1 24MLF



SY89474UMG

Microchip Technology
IC MULTIPLEXER 1 X 2:1 24MLF



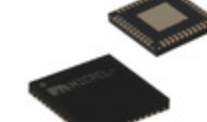
SY89537LMY

Microchip Technology
IC CLK/FREQ SYNTH 44MLF



SY89532LHC

Microchip Technology
IC CLK/FREQ SYNTH 64TQFP



SY89537LMG

Microchip Technology
IC CLK/FREQ SYNTH 44MLF



SY89465UMYTR

Micrel / Microchip Technology



SY89467UHY

Microchip Technology
IC CLK BUFFER 2:20 2GHZ 64TQFP



SY89465UMG

Micrel / Microchip Technology



SY89430VZH

Microchip Technology
IC FREQ SYNTH 28SOIC



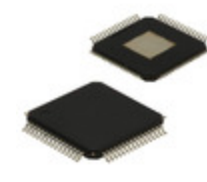
SY89467UHY/TR

MRL



SY89430VJZ

Microchip Technology
IC FREQ SYNTH 28PLCC



SY89531LHC

Microchip Technology
IC CLK/FREQ SYNTH 64TQFP

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



View More



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