



Image may be representation.
See specifications for product details.



SY100EP14UK4G-TR

Manufacturer Part Number	SY100EP14UK4G-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-SY100EP14UK4G-TR
ECAD Model	Request Free CAD Models
Parts Description	IC CLK BUFFER 2:5 2GHZ 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SY100EP14UK4G-TR - Microchip Technology. New Original in Stock. Download Linear Technology SY100EP14UK4G-TR datasheet/specifications on AllelcoElec.com. Request a quote for SY100EP14UK4G-TR, please send us email: info@allelco.com

Specifications

SY100EP14UK4G-TR Tech Specifications
SY100EP14UK4G-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output	LVECL, LVPECL
Voltage - Supply	2.37V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Type	Fanout Buffer (Distribution), Multiplexer	Number of Circuits	1
Supplier Device Package	20-TSSOP	Mounting Type	Surface Mount
Series	100EP, Precision Edge®, ECL Pro®	Input	HSTL, LVECL, LVPECL
Ratio - Input:Output	2:5	Frequency - Max	2 GHz
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Differential - Input:Output	Yes/Yes
Package	Tape & Reel (TR)	Base Product Number	SY100EP14

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY100EP14UK4G-TR

Product Attribute				
Part Number	SY100EP14UK4G-TR	SY100EP14UK4I	SY100EP14UK4G	SY100EP11UZI
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Input	HSTL, LVECL, LVPECL	HSTL, LVECL, LVPECL	HSTL, LVECL, LVPECL	ECL, LVECL, LVPECL, PECL
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	20-TSSOP	20-TSSOP	20-TSSOP	8-SOIC
Frequency - Max	2 GHz	2 GHz	2 GHz	3 GHz
Voltage - Supply	2.37V ~ 5.5V	2.37V ~ 5.5V	2.37V ~ 5.5V	2.375V ~ 5.5V
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Type	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution)
Number of Circuits	1	1	1	1
Output	LVECL, LVPECL	LVECL, LVPECL	LVECL, LVPECL	ECL, LVECL, LVPECL, PECL
Package	Tape & Reel (TR)	Tube	Tube	Bulk
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	100EP, Precision Edge®, ECL Pro®	100EP, Precision Edge®, ECL Pro®	100EP, Precision Edge®, ECL Pro®	100EP, ECL Pro®
Base Product Number	SY100EP14	SY100EP14	SY100	SY100EP11
Ratio - Input:Output	2:5	2:5	2:5	1:2
Package / Case	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	8-SOIC (0.154', 3.90mm Width)

SY100EP14UK4G-TR Datasheet PDF

Download SY100EP14UK4G-TR pdf datasheets and Microchip Technology documentation for SY100EP14UK4G-TR - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

2.73KHz.pdf

PCN Part Number



















2.73KHz.pdf

PCN Assembly/Origin

Wafer Size Update 02/Sep/2015.pdf

Customers Also Interested in

Recommended Products

 SY100EP14UK4G/TR Micrel / Microchip Technology	 SY100EP195VTG Microchip Technology IC DELAY LN 1024TAP PROG 32TQFP	 SY100EP14UK4I Microchip Technology IC CLK BUFFER 2:5 2GHZ 20TSSOP	 SY100EP140LZG/TR Micrel / Microchip Technology	 SY100EP14UK4G Microchip Technology IC CLK BUFFER 2:5 2GHZ 20TSSOP	 SY100EP11UZCTR Micrel / Microchip Technology
 SY100EP16VSKC Micrel / Microchip Technology	 SY100EP11UZI Microchip Technology IC CLK BUFFER 1:2 3GHZ 8SOIC	 SY100EP140LZG Microchip Technology IC FREQUENCY DETECTOR 8SOIC	 SY100EP11UZGTR Micrel / Microchip Technology	 SY100EP15VK4G Microchip Technology IC CLK BUFFER 2:4 2.5GHZ 16TSSOP	 SY100EP16VSKI Microchip Technology IC LINE RCVR DIFF 5V/3.3V 8-MSOP
 SY100EP196VTG Microchip Technology IC DELAY LN 1024TAP PROG 32TQFP	 SY100EP14UK4GTR Micrel / Microchip Technology	 SY100EP11UZG Microchip Technology IC CLK BUFFER 1:2 3GHZ 8SOIC	 SY100EP15VK4I Microchip Technology IC CLK BUFFER 4:4 2.5GHZ 16TSSOP	 SY100EP14UK4ITR Micrel / Microchip Technology	 SY100EP11UZG/TR 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.

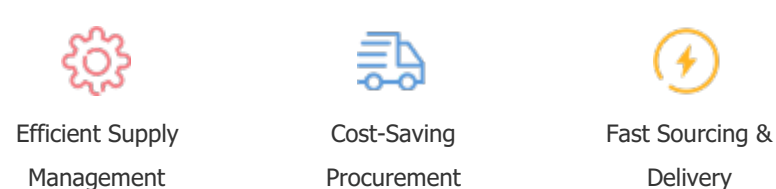
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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