



Image may be representation.  
See specifications for product details.



## SY100EP11UKG-TR

Manufacturer Part Number	<b>SY100EP11UKG-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-SY100EP11UKG-TR
ECAD Model	Request Free CAD Models
Parts Description	IC CLK BUFFER 1:2 3GHZ 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SY100EP11UKG-TR - Microchip Technology. New Original in Stock. Download Linear Technology SY100EP11UKG-TR datasheet/specifications on AllelcoElec.com. Request a quote for SY100EP11UKG-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SY100EP11UKG-TR Tech Specifications  
SY100EP11UKG-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output	ECL, LVECL, LVPECL, PECL
Voltage - Supply	2.375V ~ 5.5V	Operating Temperature	0°C ~ 85°C
Type	Fanout Buffer (Distribution)	Number of Circuits	1
Supplier Device Package	8-MSOP	Mounting Type	Surface Mount
Series	100EP, ECL Pro®	Input	ECL, LVECL, LVPECL, PECL
Ratio - Input:Output	1:2	Frequency - Max	3 GHz
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Differential - Input:Output	Yes/Yes
Package	Tape & Reel (TR)	Base Product Number	SY100EP11

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY100EP11UKG-TR

Product Attribute				
Part Number	SY100EP11UKG-TR	SY100EP11UZG	SY100EP11UKG	SY100EP11UKI
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply	2.375V ~ 5.5V	2.375V ~ 5.5V	2.375V ~ 5.5V	2.375V ~ 5.5V
Differential - Input:Output	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
Frequency - Max	3 GHz	3 GHz	3 GHz	3 GHz
Package	Tape & Reel (TR)	Tube	Tube	Tube
Type	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)
Number of Circuits	1	1	1	1
Operating Temperature	0°C ~ 85°C	-40°C ~ 85°C	0°C ~ 85°C	-40°C ~ 85°C
Series	100EP, ECL Pro®	100EP, ECL Pro®	100EP, ECL Pro®	100EP, ECL Pro®
Input	ECL, LVECL, LVPECL, PECL	ECL, LVECL, LVPECL, PECL	LVECL, LVPECL	ECL, LVECL, LVPECL, PECL
Output	ECL, LVECL, LVPECL, PECL	ECL, LVECL, LVPECL, PECL	LVECL, LVPECL	ECL, LVECL, LVPECL, PECL
Base Product Number	SY100EP11	SY100EP11	SY100EP11	SY100EP11
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-MSOP	8-SOIC	8-MSOP	8-MSOP
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Ratio - Input:Output	1:2	1:2	1:2	1:2

### SY100EP11UKG-TR Datasheet PDF

Download SY100EP11UKG-TR pdf datasheets and Microchip Technology documentation for SY100EP11UKG-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

					
<b>SY100EP111UTG TX</b> Micrel / Microchip Technology	<b>SY100EP11UGITR</b> Micrel / Microchip Technology	<b>SY100EP11UZG</b> Microchip Technology IC CLK BUFFER 1:2 3GHZ 8SOIC	<b>SY100EP11UZCTR</b> Micrel / Microchip Technology	<b>SY100EP11UKG</b> Microchip Technology IC CLK BUFFER 1:2 3GHZ 8MSOP	<b>SY100EP11UTITR</b> Micrel / Microchip Technology
					
<b>SY100EP111UKCTR</b> Micrel / Microchip Technology	<b>SY100EP11UKI</b> Microchip Technology IC CLK BUFFER 1:2 3GHZ 8MSOP	<b>SY100EP111UTG</b> Microchip Technology IC CLK BUFFER 2:10 3GHZ 32TQFP	<b>SY100EP111UKGTR</b> Micrel / Microchip Technology	<b>SY100EP11UKC</b> Micrel / Microchip Technology	<b>SY100EP111UKITR</b> Micrel / Microchip Technology
					
<b>SY100EP1111UTG-TR</b> Microchip Technology IC CLK BUFFER 2:10 3GHZ 32TQFP	<b>SY100EP1111UTG/TR</b> Micrel / Microchip Technology	<b>SY100EP111UZI</b> Microchip Technology IC CLK BUFFER 1:2 3GHZ 8SOIC	<b>SY100EP111UTI</b> Microchip Technology IC CLK BUFFER 2:10 3GHZ 32TQFP	<b>SY100EP140LZG</b> Microchip Technology IC FREQUENCY DETECTOR 8SOIC	<b>SY100EP111UZG/TR</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
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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

### Certifications & Memberships



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