



Image may be representation.  
See specifications for product details.



## MC100LVEP14DTG

Manufacturer Part Number	<b>MC100LVEP14DTG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC100LVEP14DTG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CLK BUFFER 2:5 2.5GHZ 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>MC100LVEP14.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC100LVEP14DTG - onsemi.New Original in Stock. Download Linear Technology MC100LVEP14DTG datasheet/specifications on AllelcoElec.com.  
Request a quote for MC100LVEP14DTG, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MC100LVEP14DTG Tech Specifications

MC100LVEP14DTG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output	ECL, PECL
Voltage - Supply	2.375V ~ 3.8V	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	100LVEP	Input	ECL, HSTL, LVDS, PECL
Ratio - Input:Output	2:5	Frequency - Max	2.5 GHz
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Differential - Input:Output	Yes/Yes
Package	Tube	Base Product Number	MC100

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC100LVEP14DTG

Product Attribute				
Part Number	MC100LVEP14DTG	MC100LVEP11DR2	MC100LVEP11DTR2G	MC100LVEP11D
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	20-TSSOP (0.173', 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Package	Tube	Bulk	Tape & Reel (TR)	Tube
Series	100LVEP	*	100LVEP	*
Type	Fanout Buffer (Distribution), Multiplexer	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)	Fanout Buffer (Distribution)
Supplier Device Package	20-TSSOP	8-SOIC	8-TSSOP	8-SOIC
Number of Circuits	1	-	1	-
Differential - Input:Output	Yes/Yes	-	Yes/Yes	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Ratio - Input:Output	2:5	1:2	1:2	1:2
Frequency - Max	2.5 GHz	-	3 GHz	-
Voltage - Supply	2.375V ~ 3.8V	-	2.375V ~ 3.8V	-
Output	ECL, PECL	-	ECL, PECL	-
Base Product Number	MC100	MC100LV	MC100	MC100LV
Input	ECL, HSTL, LVDS, PECL	-	CML, LVDS, PECL	-
Operating Temperature	-40°C ~ 85°C	-	-40°C ~ 85°C	-

## MC100LVEP14DTG Datasheet PDF

Download MC100LVEP14DTG pdf datasheets and onsemi documentation for MC100LVEP14DTG - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration MC100LVEP14DTG.pdf](#)

### PCN Packaging










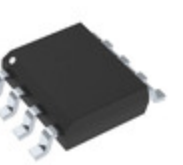



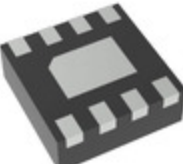




[Tube dimension 23/Dec/2016.pdf](#)

### HTML Datasheet

[MC100LVEP14.pdf](#)

## Customers Also Interested in

## Recommended Products

					
<b>MC100LVPE11DR2</b> onsemi IC CLOCK BUFFER 1:2 3GHZ 8-SOIC	<b>MC100LVPE16DG</b> onsemi IC RECEIVER/DRVR ECL DIFF 8SOIC	<b>MC100LVPE16DR2</b> onsemi IC RECEIVER/DRVR DIFF ECL 8-SOIC	<b>MC100LVPE11DTR2G</b> onsemi IC CLK BUFFER 1:2 3GHZ 8TSSOP	<b>MC100LVPE11D</b> onsemi IC CLOCK BUFFER 1:2 3GHZ 8-SOIC	<b>MC100LVPE16DT</b> onsemi IC RECEIVER/DRVR ECL DIFF 8TSSOP
					
<b>MC100LVPE16DTG</b> onsemi IC RECEIVER/DRVR ECL DIFF 8TSSOP	<b>MC100LVPE11DTG</b> onsemi IC CLK BUFFER 1:2 3GHZ 8TSSOP	<b>MC100LVPE11DT</b> onsemi IC CLOCK BUFFER 1:2 3GHZ 8-TSSOP	<b>MC100LVPE11DR2G</b> onsemi IC CLK BUFFER 1:2 3GHZ 8SOIC	<b>MC100LVPE11DG</b> onsemi IC CLK BUFFER 1:2 3GHZ 8SOIC	<b>MC100LVPE11DTR2</b> onsemi IC CLOCK BUFFER 1:2 3GHZ 8-TSSOP
					
<b>MC100LVPE16DTR2G</b> onsemi IC RECEIVER/DRVR DIFF ECL 8TSSOP	<b>MC100LVPE11MNR4</b> onsemi IC CLK BUFFER 1:2 3GHZ 8DFN	<b>MC100LVPE14DTR2</b> onsemi IC CLK BUFFER 2:5 2.5GHZ 20TSSOP	<b>MC100LVPE14DTR2G</b> onsemi IC CLK BUFFER 2:5 2.5GHZ 20TSSOP	<b>MC100LVPE16DR2G</b> onsemi IC RECEIVER/DRVR DIFF ECL 8-SOIC	<b>MC100LVPE14DT</b> onsemi IC CLK BUFFER 2:5 2.5GHZ 20TSSOP

## 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

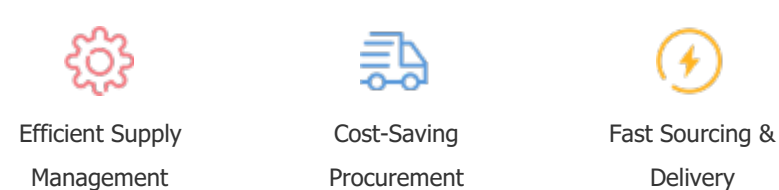
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

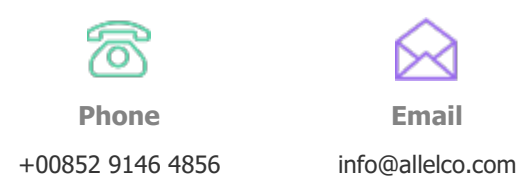
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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