

Image may be representation.
See specifications for product details.



SY100EL52ZG

Manufacturer Part Number	SY100EL52ZG
Manufacturer	Microchip Technology
Allelco Part Number	32D-SY100EL52ZG
ECAD Model	Request Free CAD Models
Parts Description	IC FF D-TYPE SNGL 1BIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SY100EL52ZG - Microchip Technology.New Original in Stock. Download Linear Technology SY100EL52ZG datasheet/specifications on AllelcoElec.com.
Request a quote for SY100EL52ZG, please send us email: info@allelco.com

Specifications

SY100EL52ZG Tech Specifications
SY100EL52ZG - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Number of Elements	1
Voltage - Supply	-4.2V ~ -5.5V	Number of Bits per Element	1
Type	D-Type	Mounting Type	Surface Mount
Trigger Type	Positive, Negative	Max Propagation Delay @ V, Max CL	-
Supplier Device Package	8-SOIC	Function	Standard
Series	100EL	Current - Quiescent (Iq)	25 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	-
Package	Tube	Clock Frequency	2.8 GHz
Output Type	Complementary	Base Product Number	100EL52
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology SY100EL52ZG

Product Attribute				
Part Number	SY100EL52ZG	SY100EL35ZG	SY100EL51ZG	SY100EL56VZGTR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Micrel / Microchip Technology
Number of Elements	1	1	1	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	-
Clock Frequency	2.8 GHz	2.2 GHz	2.8 GHz	-
Function	Standard	Reset	Reset	-
Voltage - Supply	-4.2V ~ -5.5V	-4.2V ~ -5.5V	-4.2V ~ -5.5V	-
Base Product Number	100EL52	100EL35	100EL51	-
Current - Quiescent (Iq)	25 mA	32 mA	29 mA	-
Series	100EL	100EL	100EL	-
Type	D-Type	JK Type	D-Type	-
Max Propagation Delay @ V, Max CL	-	-	-	-
Output Type	Complementary	Complementary	Complementary	-
Package	Tube	Tube	Tube	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Number of Bits per Element	1	1	1	-
Trigger Type	Positive, Negative	Positive Edge	Positive, Negative	-
Current - Output High, Low	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-

SY100EL52ZG Datasheet PDF

Download SY100EL52ZG pdf datasheets and Microchip Technology documentation for SY100EL52ZG - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Part Status Change



















2.73KHz.pdf

PCN Design/Specification

SY100EL52 11/Sep/2018.pdf

Customers Also Interested in

Recommended Products

					
SY100EL35ZG Microchip Technology IC FF JK TYPE SNGL 1BIT 8SOIC	SY100EL56VZGTR Micrel / Microchip Technology	SY100EL34ZI Microchip Technology IC CLOCK GENERATOR 16SOIC	SY100EL38LZGTR Micrel / Microchip Technology	SY100EL34ZITR Micrel / Microchip Technology	SY100EL56VZG Microchip Technology IC DIFF DIG MULTPL 2X2:1 20SOIC
					
SY100EL57ZC Microchip Technology IC MULTIPLEXER 4 X 2:1 16SOIC	SY100EL56VZG/TR Micrel / Microchip Technology	SY100EL34LZI Microchip Technology IC CLOCK GENERATOR 16SOIC	SY100EL56VZG-TR Microchip Technology IC DIFF DIG MULTPL 2X2:1 20SOIC	SY100EL57ZG Microchip Technology IC MULTIPLEXER 4 X 2:1 16SOIC	SY100EL51ZG Microchip Technology IC FF D-TYPE SNGL 1BIT 8SOIC
					
SY100EL34ZG Microchip Technology IC CLOCK GENERATOR 16SOIC	SY100EL34ZC Microchip Technology IC CLOCK GENERATOR 16SOIC	SY100EL57ZI Microchip Technology IC MULTIPLEXER 4 X 2:1 16SOIC	SY100EL57LZG Microchip Technology IC MULTIPLEXER 4 X 2:1 16SOIC	SY100EL35LZC MIC	SY100EL56VZC Microchip Technology IC DIFF DIG MULTPL 2X2:1 20SOIC

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

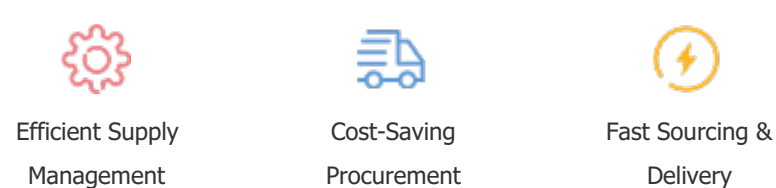
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

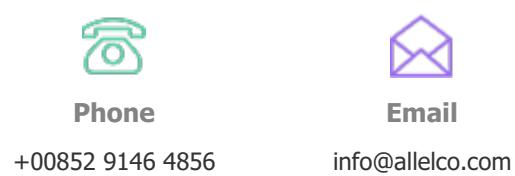
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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