



Image may be representation.
See specifications for product details.



USB2512BI-AEZG-TR

Manufacturer Part Number	USB2512BI-AEZG-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-USB2512BI-AEZG-TR
ECAD Model	Request Free CAD Models
Parts Description	IC CONTROLLER USB 36QFN
Package	36-VFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

USB2512BI-AEZG-TR - Microchip Technology.New Original in Stock. Download Linear Technology USB2512BI-AEZG-TR datasheet/specifications on AllelcoElec.com. Request a quote for USB2512BI-AEZG-TR, please send us email: info@allelco.com

Specifications

USB2512BI-AEZG-TR Tech Specifications
USB2512BI-AEZG-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	36-QFN (6x6)	Interface	USB
Standards	USB 2.0	Function	Hub Controller
Series	-	Current - Supply	60mA
Protocol	USB	Base Product Number	USB2512
Package / Case	36-VFQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology USB2512BI-AEZG-TR

Product Attribute				
Part Number	USB2512BI-AEZG-TR	USB2513B-AEZG	USB2513B-AEZC	USB2512B-1/M2
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Package / Case	36-VFQFN Exposed Pad	36-VFQFN Exposed Pad	36-VFQFN Exposed Pad	36-VFQFN Exposed Pad
Base Product Number	USB2512	USB2513B	USB2513	USB2512
Standards	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Interface	USB	USB	USB	USB
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Supplier Device Package	36-QFN (6x6)	36-QFN (6x6)	36-QFN (6x6)	36-SQFN (6x6)
Current - Supply	60mA	-	65mA	60mA
Operating Temperature	-40°C ~ 85°C	0°C ~ 85°C	0°C ~ 85°C	-40°C ~ 85°C
Function	Hub Controller	Hub Controller	Hub Controller	Hub Controller
Protocol	USB	USB	USB	USB
Package	Tape & Reel (TR)	Tray	Tray	Tray

USB2512BI-AEZG-TR Datasheet PDF

Download USB2512BI-AEZG-TR pdf datasheets and Microchip Technology documentation for USB2512BI-AEZG-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[MBB/Label Chgs 16/Nov/2018.pdf](#)

PCN Assembly/Origin

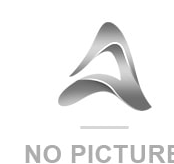
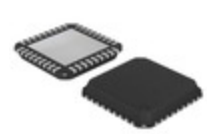
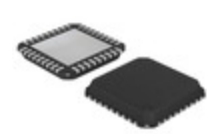
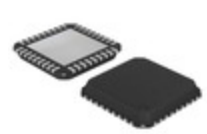
[2.73KHz.pdf](#)

PCN Design/Specification

[USB251xB/USB251xBi 29/Apr/2022.pdf](#)

Customers Also Interested in

Recommended Products



USB2513B-AEZG Microchip Technology IC USB 2.0 3PORT HUB CTRLR 36QFN	USB2513B-AEZC Microchip Technology IC HUB CONTROLLER USB 36QFN	USB2512B-I/M2 Microchip Technology IC HUB CTRLR 2PORT USB 2.0 HS 36S	USB2512B SMSC	USB2512A-AEZG SMSC	USB2513B SMSC
USB2513-AEZG Microchip Technology IC USB 2.0 3PORT HUB CTRLR 36QFN	USB2513B-AEZG-TR Micrel / Microchip Technology IC USB 2.0 3PORT HUB CTRLR 36QFN	USB2512B/M2 Microchip Technology IC HUB CTRLR 2PORT USB 2.0 HS 36S	USB2513B-AEZC-TR Microchip Technology IC CONTROLLER USB 36QFN	USB2512BT/M2 Microchip Technology IC HUB CTRLR 2PORT USB 2.0 HS 36S	USB2512AI-AEZG Microchip Technology IC CTRLR USB2.0 2PORT 36QFN
USB2512AEZG SMSC	USB2512A-AEZG-TR Microchip Technology IC CONTROLLER USB 36QFN	USB2512BT-I/M2 Microchip Technology IC HUB CTRLR 2PORT USB 2.0 HS 36S	USB2512B-AEZG-TR Microchip Technology IC CONTROLLER USB 36QFN	USB2512BT-AEZG Microchip Technology IC USB 2.0 2PORT HUB CTRLR 36QFN	USB2512B-AEZG Microchip Technology IC USB 2.0 2PORT HUB CTRLR 36QFN

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
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Contact us if you have any questions.

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