

Image may be representation.
See specifications for product details.



USB5742-I/2G

Manufacturer Part Number	USB5742-I/2G
Manufacturer	Microchip Technology
Allelco Part Number	32D-USB5742-I/2G
ECAD Model	Request Free CAD Models
Parts Description	IC HUB CTRLR USB 2PORT 56SQFN
Package	56-VFQFN Exposed Pad
Data sheet	USB5742-I/2G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

USB5742-I/2G - Microchip Technology. New Original in Stock. Download Linear Technology USB5742-I/2G datasheet/specifications on AllelcoElec.com. Request a quote for USB5742-I/2G, please send us email: info@allelco.com

Specifications

USB5742-I/2G Tech Specifications

USB5742-I/2G - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tray
Voltage - Supply	1.2V, 3.3V	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	56-VQFN (7x7)	Interface	SPI
Standards	USB 3.1	Function	Hub Controller
Series	-	Current - Supply	-
Protocol	USB	Base Product Number	USB5742
Package / Case	56-VFQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology USB5742-I/2G

Product Attribute				
Part Number	USB5742-I/2G	USB5744/2G	USB5744-I/2G	USB5742/2G
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply	1.2V, 3.3V	1.2V, 3.3V	1.2V, 3.3V	1.2V, 3.3V
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C
Current - Supply	-	-	-	-
Package / Case	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad	56-VFQFN Exposed Pad
Function	Hub Controller	Hub Controller	Hub Controller	Hub Controller
Base Product Number	USB5742	USB5744	USB5744	USB5742
Standards	USB 3.1	USB 3.1	USB 3.0	USB 3.1
Package	Tray	Tray	Tray	Tray
Interface	SPI	USB	USB	SPI
Supplier Device Package	56-VQFN (7x7)	56-VQFN (7x7)	56-VQFN (7x7)	56-VQFN (7x7)
Protocol	USB	USB	USB	USB

USB5742-I/2G Datasheet PDF

Download USB5742-I/2G pdf datasheets and Microchip Technology documentation for USB5742-I/2G - Microchip Technology.

PCN Packaging

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

PCN Assembly/Origin

[Additional Assembly Site 29/Sep/2021.pdf](#)

PCN Obsolescence/ EOL

[USB5734xx/USB5744xx/USB5742xx 27/Apr/2022.pdf](#)

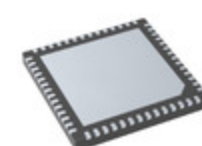
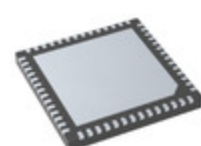
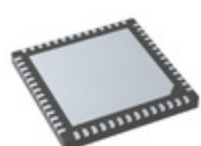
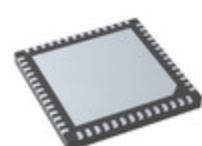
PCN Design/Specification

[USB5742 04/Aug/2020.pdf](#)

[USB5742 31/Mar/2022.pdf](#)

Customers Also Interested in

Recommended Products



USB5744/2G Microchip Technology IC HUB CTLR USB 56VQFN	USB5537BAKZ4 SMSC	USB5744-I/2G Microchip Technology IC HUB CTLR USB 56VQFN	USB5742/2G Microchip Technology IC HUB CTLR USB 2PORT 56VQFN	USB5734/MR Microchip Technology IC HUB CTLR USB 64QFN	USB5744T-I/2G Microchip Technology IC HUB CTLR USB 56VQFN
USB5734T/MR Microchip Technology IC HUB CTLR USB 64QFN	USB5744/2GX01 Microchip Technology IC HUB CTLR USB 56VQFN	USB5742T-I/2G Microchip Technology IC HUB CTLR USB 2PORT 56SQFN	USB5537BAKZ3 SMSC	USB5537BAKZ SMSC	USB5744T-I/2GX01 Microchip Technology IC HUB CTLR USB 56VQFN
USB5744-I/2GX01 Microchip Technology IC HUB CTLR USB 56VQFN	USB5742 MICORCH	USB5734-I/MR Microchip Technology IC HUB CTLR USB 64QFN	USB5537B5000AKZETR Microchip Technology IC HUB CTLR USB 3.0 72QFN	USB5537BAKZ2 Micrel / Microchip Technology	USB5742T/2G Microchip Technology IC HUB CTLR USB 2PORT 56VQFN

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.



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Certifications & Memberships



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