

Image may be representation.
See specifications for product details.



MCP2221-I/ML

Manufacturer Part Number	MCP2221-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP2221-I/ML
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC USB TO I2C BRIDGE DEVICE 16QF
Package	16-VQFN Exposed Pad
Data sheet	MCP2221.pdf
RoHs Status	ROHS3 Compliant

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MCP2221-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology MCP2221-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for MCP2221-I/ML, please send us email: info@allelco.com

Specifications

MCP2221-I/ML Tech Specifications
MCP2221-I/ML - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Supply	3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Supplier Device Package	16-QFN (4x4)	Interface	I ² C, UART
Standards	USB 2.0	Function	Bridge, USB to I ² C/UART
Series	-	Current - Supply	13mA
Protocol	USB	Base Product Number	MCP2221
Package / Case	16-VQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP2221-I/ML

Product Attribute				
Part Number	MCP2221-I/ML	MCP2221AT-I/ST	MCP2221A-I/SL	MCP2200-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Standards	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	MCP2221	MCP2221	MCP2221	MCP2200
Function	Bridge, USB to I ² C/UART	Bridge, USB to I ² C/UART	Bridge, USB to I ² C/UART	Bridge, USB to UART
Protocol	USB	USB	USB	USB
Current - Supply	13mA	13mA	13mA	13mA
Package / Case	16-VQFN Exposed Pad	14-TSSOP (0.173', 4.40mm Width)	14-SOIC (0.154', 3.90mm Width)	20-SSOP (0.209', 5.30mm Width)
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Series	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tube	Tube
Interface	I ² C, UART	I ² C, UART	I ² C, UART	UART
Supplier Device Package	16-QFN (4x4)	14-TSSOP	14-SOIC	20-SSOP

MCP2221-I/ML Datasheet PDF

Download MCP2221-I/ML pdf datasheets and Microchip Technology documentation for MCP2221-I/ML - Microchip Technology.

Datasheets

[MCP2221.pdf](#)

PCN Packaging

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

[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

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Recommended Products



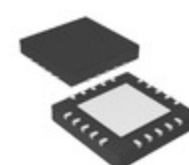
MCP2221AT-I/ST
Microchip Technology
IC USB TO I2C/UART 14TSSOP



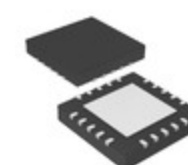
MCP2221A-I/SL
Microchip Technology
IC USB TO I2C/UART 14SOIC



MCP2200-I/SS
Microchip Technology
IC USB TO UART 20SSOP



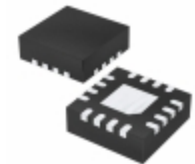
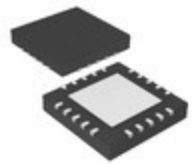
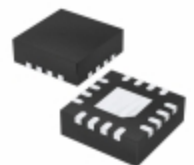
MCP2200T-I/MQ
Microchip Technology
IC USB 2.0 - UART 20QFN



MCP2210T-I/MQ
Microchip Technology
IC CONVERTER USB-SPI 20-QFN



MCP2200T-I/SS
Microchip Technology
IC USB 2.0 - UART 20SSOP

**MCP2210-I/SS**Microchip Technology
IC CONVERTER USB-SPI 20-SSOP**MCP2221-I/ST**Microchip Technology
IC USB TO I2C BRIDGE DEVICE 14TS**MCP2221A-I/ST**Microchip Technology
IC USB TO I2C/UART 14TSSOP**MCP2221T-I/ML**Microchip Technology
IC USB TO I2C BRIDGE DEVICE 16QF**MCP2221T-I/ST**Microchip Technology
IC USB TO I2C BRIDGE DEVICE 14TS**MCP2210-I/MQ**Microchip Technology
IC CONVERTER USB-SPI 20-QFN**MCP2210-I/SO**Microchip Technology
IC CONVERTER USB-SPI 20-SOIC**MCP2210T-I/SS**Microchip Technology
IC CONVERTER USB-SPI 20-SSOP**MCP2221-I/SL**Microchip Technology
IC USB TO I2C BRIDGE DEVICE 14SO**MCP2200T-I/SO**Microchip Technology
IC USB 2.0 - UART 20SOIC**MCP2221T-I/SL**Microchip Technology
IC USB TO I2C BRIDGE DEVICE 14SO**MCP2221A-I/ML**Microchip Technology
IC USB TO I2C/UART 16QFN

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.



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Contact us if you have any questions.

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Certifications & Memberships



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