

Image may be representation.  
See specifications for product details.



## MCP2542FDT-E/MF

Manufacturer Part Number	<a href="#">MCP2542FDT-E/MF</a>
Manufacturer	<a href="#">Microchip Technology</a>
Allelco Part Number	32D-MCP2542FDT-E/MF
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER 1/1 8DFN
Package	8-VDFN Exposed Pad
Data sheet	<a href="#">MCP2542/44FD,WFD.pdf</a>
RoHs Status	ROHS3 Compliant

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MCP2542FDT-E/MF - Microchip Technology. New Original in Stock. Download Linear Technology MCP2542FDT-E/MF datasheet/specifications on AllelcoElec.com. Request a quote for MCP2542FDT-E/MF, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP2542FDT-E/MF Tech Specifications  
MCP2542FDT-E/MF - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 125°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-DFN (3x3)	Mounting Type	Surface Mount
Series	-	Duplex	-
Receiver Hysteresis	200 mV	Data Rate	8Mbps
Protocol	CANbus	Base Product Number	MCP2542
Package / Case	8-VDFN Exposed Pad		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP2542FDT-E/MF

Product Attribute				
Part Number	MCP2542FDT-E/MF	<a href="#">MCP2544FD-E/SN</a>	<a href="#">MCP2542FDT-H/SN</a>	<a href="#">MCP2542FDT-H/MF</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	MCP2542	MCP2544	MCP2542	MCP2542
Protocol	CANbus	CANbus	CANbus	CANbus
Type	Transceiver	Transceiver	Transceiver	Transceiver
Package / Case	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-VDFN Exposed Pad
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Receiver Hysteresis	200 mV	200 mV	200 mV	200 mV
Data Rate	8Mbps	8Mbps	8Mbps	8Mbps
Duplex	-	-	-	-
Supplier Device Package	8-DFN (3x3)	8-SOIC	8-SOIC	8-DFN (3x3)
Series	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 150°C	-40°C ~ 150°C
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V

### MCP2542FDT-E/MF Datasheet PDF

Download MCP2542FDT-E/MF pdf datasheets and Microchip Technology documentation for MCP2542FDT-E/MF - Microchip Technology.

#### Datasheets

[MCP2542/44FD,WFD.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

#### PCN Design/Specification

[MCP2542FD/4FD-MCP2542WFD/4WFD 14/Aug/2020.pdf](#)

[MCP2542FD/4FD-MCP2542WFD/4WFD 25/Mar/2019.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>MCP2544FD-E/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC	<b>MCP2542FDT-H/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC	<b>MCP2542FDT-H/MF</b> Microchip Technology IC TRANSCEIVER 1/1 8DFN	<b>MCP2542FD-H/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC	<b>MCP2518FDT-H/SLVAO</b> Microchip Technology STAND-ALONE LOW POWER CAN FD CON	<b>MCP2518FDT-H/SL</b> Microchip Technology IC CAN CONTROLLER SPI 14SOIC
					
<b>MCP2542WFDT-H/MNY</b> Microchip Technology IC TRANSCEIVER 1/1 8TDFN	<b>MCP2542WFDT-E/MF</b> Microchip Technology IC TRANSCEIVER 1/1 8DFN	<b>MCP2542FD-E/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC	<b>MCP2542FDT-E/MNY</b> Microchip Technology IC TRANSCEIVER 1/1 8TDFN	<b>MCP2542FD-E/MF</b> Microchip Technology IC TRANSCEIVER 1/1 8DFN	<b>MCP2518FDT-H/QBBVAO</b> Microchip Technology STAND-ALONE LOW POWER CAN FD CON
					
<b>MCP2542WFDT-E/MNY</b> Microchip Technology IC TRANSCEIVER 1/1 8TDFN	<b>MCP252008-2R2S</b> TEC	<b>MCP2542WFD-E/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC	<b>MCP2525-I/SO</b> Micrel / Microchip Technology	<b>MCP2518FDT-H/QBB</b> Microchip Technology IC CAN CONTROLLER SPI 14VDFN	<b>MCP2542FDT-E/SN</b> Microchip Technology IC TRANSCEIVER 1/1 8SOIC

## 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.

 Phone  
 +00852 9146 4856  
 Email  
 info@allelco.com

## Certifications & Memberships



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