

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## MCP2542FDT-H/MF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP2542FDT-H/MF                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC TXRX CAN 2.0 8MBPS 8DFN                                                                                   |
| Datasheets:         |  MCP2542FDT-H/MF.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 162392 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

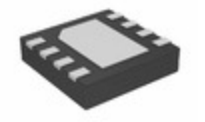
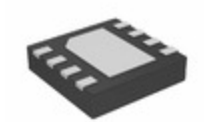
### Specifications of MCP2542FDT-H/MF

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP2542FDT-H/MF                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC TXRX CAN 2.0 8MBPS 8DFN                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 162392 pcs                                                                                              |
| DATA SHEET                       |  MCP2542FDT-H/MF.pdf |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                           |
| TYPE                             | Transceiver                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 8-DFN (3x3)                                                                                             |
| SERIES                           | -                                                                                                       |
| RECEIVER HYSTERESIS              | 200mV                                                                                                   |
| PROTOCOL                         | CANbus                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad                                                                                      |
| OTHER NAMES                      | MCP2542FDT-H/MFTR                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 150°C                                                                                           |
| NUMBER OF DRIVERS/RECEIVERS      | 1/1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| DUPLEX                           | -                                                                                                       |
| DETAILED DESCRIPTION             | 1/1 Transceiver CANbus 8-DFN (3x3)                                                                      |
| DATA RATE                        | 8Mbps                                                                                                   |

### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MCP2542FDT-H/MF | MCP2542FDT-H/MF Distributor            | MCP2542FDT-H/MF Supplier                               |
| MCP2542FDT-H/MF Price                         | MCP2542FDT-H/MF Pictures               | MCP2542FDT-H/MF Image                                  |
| MCP2542FDT-H/MF PDF Datasheet                 | MCP2542FDT-H/MF Download Datasheet     | MCP2542FDT-H/MF Datasheet                              |
| MCP2542FDT-H/MF Stock                         | Buy MCP2542FDT-H/MF                    | Buy Micrel / Microchip Technology MCP2542FDT-H/MF      |
| Micrel / Microchip Technology MCP2542FDT-H/MF | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MCP2542FDT-H/MF | Microchip Technology MCP2542FDT-H/MF   | Roving Networks / Microchip Technology MCP2542FDT-H/MF |

### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                     |
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|  <div><b>MCP2542FDT-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN FD VIO 8SOIC<br/>In stock: 147377 pcs<br/><div>RFQ</div></div>      |  <div><b>MCP2542FD-H/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8SOIC<br/>In stock: 109579 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MCP2542FDT-E/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8TDFN<br/>In stock: 111707 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP2517FDT-H/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: STAND-ALONE CAN FD CONTROLLER W/<br/>In stock: 42233 pcs<br/><div>RFQ</div></div> |
|  <div><b>MCP2542WFDT-E/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8TDFN<br/>In stock: 145979 pcs<br/><div>RFQ</div></div> |  <div><b>MCP2542FD-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8SOIC<br/>In stock: 125623 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MCP2542FDT-H/MNY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8TDFN<br/>In stock: 155343 pcs<br/><div>RFQ</div></div>  |  <div><b>MCP2542WFD-H/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8SOIC<br/>In stock: 125935 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP2542WFD-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8SOIC<br/>In stock: 105862 pcs<br/><div>RFQ</div></div>   |  <div><b>MCP2542WFDT-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8DFN<br/>In stock: 127211 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MCP2542FDT-E/MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN 2.0 8MBPS 8DFN<br/>In stock: 106541 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP2542FDT-H/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC TXRX CAN FD VIO 8SOIC<br/>In stock: 174537 pcs<br/><div>RFQ</div></div>        |