

MICROCHIP

Micrel / Microchip Technology

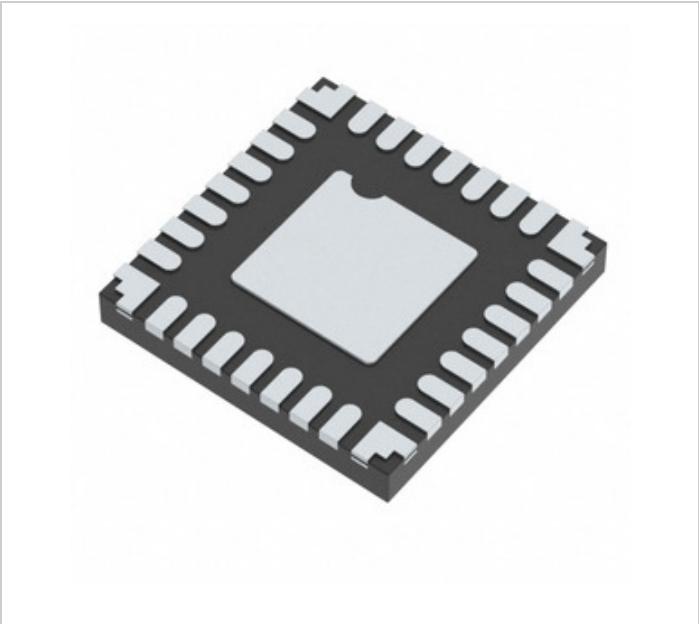


Image may be representation. See specifications for product details.

### DSPIC33EP16GS202T-E/M6

|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP16GS202T-E/M6                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                |
| Product description | IC MCU 16BIT 16KB FLASH 28UQFN                                                                                               |
| Datasheets:         |  <a href="#">DSPIC33EP16GS202T-E/M6.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                 |
| Ship From           | Hong Kong                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                        |

REQUEST FOR QUOTATION

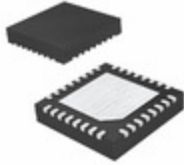
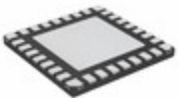
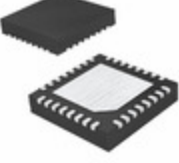
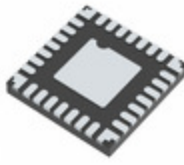
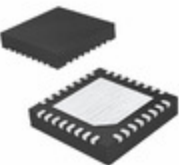
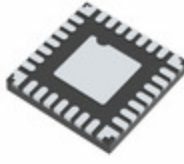
#### Specifications of DSPIC33EP16GS202T-E/M6

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP16GS202T-E/M6                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 28UQFN                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| DATA SHEET                       |  <a href="#">DSPIC33EP16GS202T-E/M6.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 28-UQFN (4x4)                                                                                                                  |
| SPEED                            | 60 MIPs                                                                                                                        |
| SERIES                           | Automotive, AEC-Q100, dsPIC™ 33EP                                                                                              |
| RAM SIZE                         | 2K x 8                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                          |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                                               |
| PACKAGE / CASE                   | 28-UFQFN Exposed Pad                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                  |
| NUMBER OF I/O                    | 21                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| EEPROM SIZE                      | -                                                                                                                              |
| DETAILED DESCRIPTION             | dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 16KB (16K x 8) FLASH 28-UQFN (4x4)                   |
| DATA CONVERTERS                  | A/D 12x12b, D/A 2x12b                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                         |
| CORE PROCESSOR                   | dsPIC                                                                                                                          |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                             |
| BASE PART NUMBER                 | DSPIC33EP16GS202                                                                                                               |

#### Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP16GS202T-E/M6 | DSPIC33EP16GS202T-E/M6 Distributor          | DSPIC33EP16GS202T-E/M6 Supplier                               |
| DSPIC33EP16GS202T-E/M6 Price                         | DSPIC33EP16GS202T-E/M6 Pictures             | DSPIC33EP16GS202T-E/M6 Image                                  |
| DSPIC33EP16GS202T-E/M6 PDF Datasheet                 | DSPIC33EP16GS202T-E/M6 Download Datasheet   | DSPIC33EP16GS202T-E/M6 Datasheet                              |
| DSPIC33EP16GS202T-E/M6 Stock                         | Buy DSPIC33EP16GS202T-E/M6                  | Buy Micrel / Microchip Technology DSPIC33EP16GS202T-E/M6      |
| Micrel / Microchip Technology DSPIC33EP16GS202T-E/M6 | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP16GS202T-E/M6 | Microchip Technology DSPIC33EP16GS202T-E/M6 | Roving Networks / Microchip Technology DSPIC33EP16GS202T-E/M6 |

#### Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EP16GS202T-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP16GS202T-E/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP16GS202-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: 325 pcs<br/><div>RFQ</div></div>    |  <div><b>DSPIC33EP16GS202T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP16GS202-I/MX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP16GS202-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: 317 pcs<br/><div>RFQ</div></div>    |
|  <div><b>DSPIC33EP16GS202T-I/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP16GS202-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>DSPIC33EP16GS202-I/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28UQFN<br/>In stock: 45 pcs<br/><div>RFQ</div></div>     |  <div><b>DSPIC33EP16GS202T-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP16GS202-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP16GS202T-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 16KB FLASH 28SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |