



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EV64GM002-I/SS

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EV64GM002-I/SS                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                 |
| Product description | IC MCU 16BIT 64KB FLASH 28SSOP                                                                                |
|                     |  1.DSPIC33EV64GM002-I/SS.pdf |
|                     |  2.DSPIC33EV64GM002-I/SS.pdf |
|                     |  3.DSPIC33EV64GM002-I/SS.pdf |
| Datasheets:         |                                                                                                               |
| RoHs Status         |  Lead free / RoHS Compliant  |
| Stock Condition     | 48124 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                         |

REQUEST FOR QUOTATION

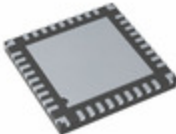
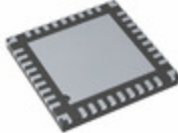
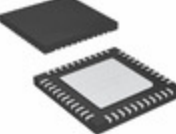
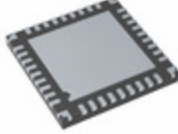
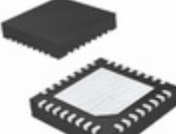
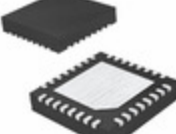
Specifications of DSPIC33EV64GM002-I/SS

|                                  |                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EV64GM002-I/SS                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 28SSOP                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 48124 pcs                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33EV64GM002-I/SS.pdf<br> 2.DSPIC33EV64GM002-I/SS.pdf<br> 3.DSPIC33EV64GM002-I/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 70 MIPS                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | dsPIC™ 33EV                                                                                                                                                                                                                                                                                                                                           |
| RAM SIZE                         | 4K x 16                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY SIZE              | 64KB (22K x 24)                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 21                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                            |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EV Microcontroller IC 16-Bit 70 MIPS 64KB (22K x 24) FLASH 28-SSOP                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 11x10/12b                                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                 |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                    |

Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EV64GM002-I/SS | DSPIC33EV64GM002-I/SS Distributor          | DSPIC33EV64GM002-I/SS Supplier                               |
| DSPIC33EV64GM002-I/SS Price                         | DSPIC33EV64GM002-I/SS Pictures             | DSPIC33EV64GM002-I/SS Image                                  |
| DSPIC33EV64GM002-I/SS PDF Datasheet                 | DSPIC33EV64GM002-I/SS Download Datasheet   | DSPIC33EV64GM002-I/SS Datasheet                              |
| DSPIC33EV64GM002-I/SS Stock                         | Buy DSPIC33EV64GM002-I/SS                  | Buy Micrel / Microchip Technology DSPIC33EV64GM002-I/SS      |
| Micrel / Microchip Technology DSPIC33EV64GM002-I/SS | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33EV64GM002-I/SS | Microchip Technology DSPIC33EV64GM002-I/SS | Roving Networks / Microchip Technology DSPIC33EV64GM002-I/SS |

Related Products

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|  <div><b>DSPIC33EV64GM003-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ECC FLASH, 8KB RAM<br/>In stock: 26382 pcs<br/><b>RFQ</b></div>             |  <div><b>DSPIC33EV64GM002-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 39053 pcs<br/><b>RFQ</b></div>  |
|  <div><b>DSPIC33EV64GM002-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: 40400 pcs<br/><b>RFQ</b></div> |  <div><b>DSPIC33EV64GM003-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ECC FLASH, 8KB RAM<br/>In stock: 35738 pcs<br/><b>RFQ</b></div>              |
|  <div><b>DSPIC33EV64GM004-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: 35432 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EV64GM003T-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ECC FLASH, 8KB RAM<br/>In stock: 39559 pcs<br/><b>RFQ</b></div>             |
|  <div><b>DSPIC33EV64GM002T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 39737 pcs<br/><b>RFQ</b></div> |  <div><b>DSPIC33EV64GM002-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 34544 pcs<br/><b>RFQ</b></div>  |
|  <div><b>DSPIC33EV64GM002-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SSOP<br/>In stock: 41975 pcs<br/><b>RFQ</b></div> |  <div><b>DSPIC33EV64GM002-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 44142 pcs<br/><b>RFQ</b></div>  |
|  <div><b>DSPIC33EV64GM002-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: 44965 pcs<br/><b>RFQ</b></div>  |  <div><b>DSPIC33EV64GM002T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: 38074 pcs<br/><b>RFQ</b></div> |