

MICROCHIP

Micrel / Microchip Technology

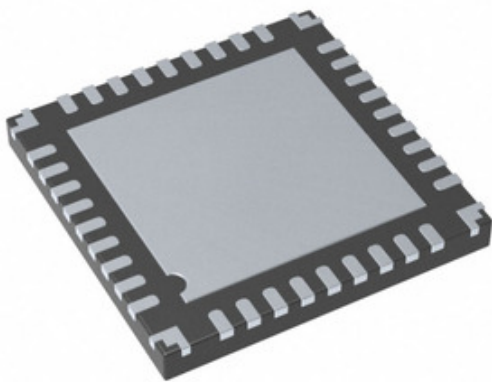


Image may be representation. See specifications for product details.

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EV64GM003T-I/M5                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | ECC FLASH, 8KB RAM                                                                                             |
|                     |  1.DSPIC33EV64GM003T-I/M5.pdf |
|                     |  2.DSPIC33EV64GM003T-I/M5.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

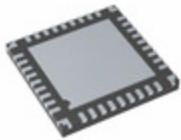
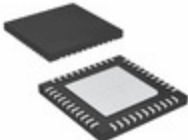
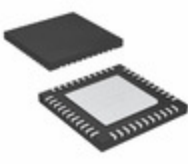
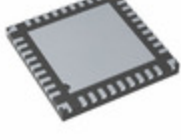
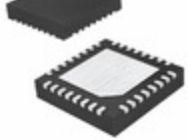
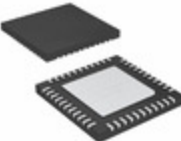
Specifications of DSPIC33EV64GM003T-I/M5

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EV64GM003T-I/M5                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | ECC FLASH, 8KB RAM                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| DATA SHEET                       |  1.DSPIC33EV64GM003T-I/M5.pdf<br> 2.DSPIC33EV64GM003T-I/M5.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 36-UQFN (5x5)                                                                                                                                                                                                                        |
| SPEED                            | 70 MIPs                                                                                                                                                                                                                              |
| SERIES                           | dsPIC™ 33EV                                                                                                                                                                                                                          |
| RAM SIZE                         | 8K 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                        | Tape & Reel (TR)                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 36-UFQFN Exposed Pad                                                                                                                                                                                                                 |
| OTHER NAMES                      | DSPIC33EV64GM003T-I/M5TR                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                                                                                                                                             |
| 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 36-UQFN (5x5)                                                                                                                                              |
| DATA CONVERTERS                  | A/D 13x10b/12b                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                   |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EV64GM003T-I/M5 | DSPIC33EV64GM003T-I/M5 Distributor          | DSPIC33EV64GM003T-I/M5 Supplier                               |
| DSPIC33EV64GM003T-I/M5 Price                         | DSPIC33EV64GM003T-I/M5 Pictures             | DSPIC33EV64GM003T-I/M5 Image                                  |
| DSPIC33EV64GM003T-I/M5 PDF Datasheet                 | DSPIC33EV64GM003T-I/M5 Download Datasheet   | DSPIC33EV64GM003T-I/M5 Datasheet                              |
| DSPIC33EV64GM003T-I/M5 Stock                         | Buy DSPIC33EV64GM003T-I/M5                  | Buy Micrel / Microchip Technology DSPIC33EV64GM003T-I/M5      |
| Micrel / Microchip Technology DSPIC33EV64GM003T-I/M5 | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EV64GM003T-I/M5 | Microchip Technology DSPIC33EV64GM003T-I/M5 | Roving Networks / Microchip Technology DSPIC33EV64GM003T-I/M5 |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EV64GM003-E/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ECC FLASH, 8KB RAM<br/>In stock: Out stock</div> <div>RFQ</div>             |  <div><b>DSPIC33EV64GM004-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>DSPIC33EV64GM002-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SDIP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>DSPIC33EV64GM004T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>DSPIC33EV64GM004-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>DSPIC33EV64GM004T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>DSPIC33EV64GM004-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>DSPIC33EV64GM002-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SSOP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>DSPIC33EV64GM003-I/M5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ECC FLASH, 8KB RAM<br/>In stock: 584 pcs</div> <div>RFQ</div>               |  <div><b>DSPIC33EV64GM002T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>DSPIC33EV64GM004-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 44QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>DSPIC33EV64GM002T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 64KB FLASH 28SOIC<br/>In stock: Out stock</div> <div>RFQ</div> |