



DSPIC33EV32GM004T-I/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EV32GM004T-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 32KB FLASH 44TQFP                                                                                 |
|                     |  1.DSPIC33EV32GM004T-I/PT.pdf |
|                     |  2.DSPIC33EV32GM004T-I/PT.pdf |
|                     |  3.DSPIC33EV32GM004T-I/PT.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 34925 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

Specifications of DSPIC33EV32GM004T-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
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| PART NUMBER                      | DSPIC33EV32GM004T-I/PT                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 44TQFP                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 34925 pcs                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.DSPIC33EV32GM004T-I/PT.pdf<br> 2.DSPIC33EV32GM004T-I/PT.pdf<br> 3.DSPIC33EV32GM004T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                                                                                                                                          |
| SPEED                            | 70 MIPS                                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | dsPIC™ 33EV                                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 2K x 16                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 32KB (11K x 24)                                                                                                                                                                                                                                                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                       |
| 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 32KB (11K x 24) FLASH 44-TQFP (10x10)                                                                                                                                                                                                                                                                |
| DATA CONVERTERS                  | A/D 24x10/12b                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | DSPIC33EV32GM004                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EV32GM004T-I/PT | DSPIC33EV32GM004T-I/PT Distributor          | DSPIC33EV32GM004T-I/PT Supplier                               |
| DSPIC33EV32GM004T-I/PT Price                         | DSPIC33EV32GM004T-I/PT Pictures             | DSPIC33EV32GM004T-I/PT Image                                  |
| DSPIC33EV32GM004T-I/PT PDF Datasheet                 | DSPIC33EV32GM004T-I/PT Download Datasheet   | DSPIC33EV32GM004T-I/PT Datasheet                              |
| DSPIC33EV32GM004T-I/PT Stock                         | Buy DSPIC33EV32GM004T-I/PT                  | Buy Micrel / Microchip Technology DSPIC33EV32GM004T-I/PT      |
| Micrel / Microchip Technology DSPIC33EV32GM004T-I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EV32GM004T-I/PT | Microchip Technology DSPIC33EV32GM004T-I/PT | Roving Networks / Microchip Technology DSPIC33EV32GM004T-I/PT |

Related Products

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| <div>MICROCHIP</div> <div>DSPIC33EV32GM006T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div> <div>In stock: 39901 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33EV32GM006-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 64QFN</div> <div>In stock: 30664 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EV32GM004-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div> <div>In stock: 33831 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>DSPIC33EV32GM004-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div> <div>In stock: 33981 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EV32GM006T-I/MR</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 64TQFP</div> <div>In stock: 36409 pcs</div> <div>RFQ</div>          | <div>MICROCHIP</div> <div>DSPIC33EV32GM006-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 64QFN</div> <div>In stock: 31388 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EV32GM003T-I/M5</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: ECC FLASH, 4KB RAM</div> <div>In stock: 43823 pcs</div> <div>RFQ</div>             | <div>MICROCHIP</div> <div>DSPIC33EV32GM006-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 64TQFP</div> <div>In stock: 32108 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33EV32GM006-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 64TQFP</div> <div>In stock: 30895 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33EV32GM004-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div> <div>In stock: 35389 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33EV32GM004T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44QFN</div> <div>In stock: 34409 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33EV32GM004-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 32KB FLASH 44TQFP</div> <div>In stock: 31756 pcs</div> <div>RFQ</div> |