



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EV256GM006-I/MR

|                     |                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EV256GM006-I/MR                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                |
| Product description | IC MCU 16BIT 256KB FLASH 64QFN <div> 1.DSPIC33EV256GM006-I/MR.pdf</div> <div> 2.DSPIC33EV256GM006-I/MR.pdf</div> <div> 3.DSPIC33EV256GM006-I/MR.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| Stock Condition     | 26989 pcs stock                                                                                                                                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                        |

REQUEST FOR QUOTATION

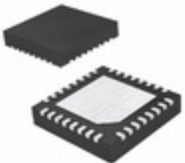
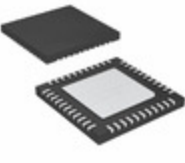
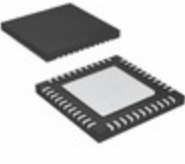
Specifications of DSPIC33EV256GM006-I/MR

|                                  |                                                                                                                                                                                                                                                                                                                                                                                     |
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| PART NUMBER                      | DSPIC33EV256GM006-I/MR                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 26989 pcs                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div> 1.DSPIC33EV256GM006-I/MR.pdf</div> <div> 2.DSPIC33EV256GM006-I/MR.pdf</div> <div> 3.DSPIC33EV256GM006-I/MR.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                                                                                                                                                                        |
| SPEED                            | 70 MIPs                                                                                                                                                                                                                                                                                                                                                                             |
| SERIES                           | dsPIC™ 33EV                                                                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 8K x 16                                                                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 256KB (85.5K x 24)                                                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 256KB (85.5K x 24) FLASH 64-QFN (9x9)                                                                                                                                                                                                                                                                                           |
| DATA CONVERTERS                  | A/D 36x10/12b                                                                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                              |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | DSPIC33EV256                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EV256GM006-I/MR | DSPIC33EV256GM006-I/MR Distributor          | DSPIC33EV256GM006-I/MR Supplier                               |
| DSPIC33EV256GM006-I/MR Price                         | DSPIC33EV256GM006-I/MR Pictures             | DSPIC33EV256GM006-I/MR Image                                  |
| DSPIC33EV256GM006-I/MR PDF Datasheet                 | DSPIC33EV256GM006-I/MR Download Datasheet   | DSPIC33EV256GM006-I/MR Datasheet                              |
| DSPIC33EV256GM006-I/MR Stock                         | Buy DSPIC33EV256GM006-I/MR                  | Buy Micrel / Microchip Technology DSPIC33EV256GM006-I/MR      |
| Micrel / Microchip Technology DSPIC33EV256GM006-I/MR | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EV256GM006-I/MR | Microchip Technology DSPIC33EV256GM006-I/MR | Roving Networks / Microchip Technology DSPIC33EV256GM006-I/MR |

Related Products

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| <div></div> <div>DSPIC33EV256GM102-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SOIC</div> <div>In stock: 30856 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EV256GM006-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 24127 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EV256GM004T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44TQFP</div> <div>In stock: 35650 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EV256GM004-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44TQFP</div> <div>In stock: 24726 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EV256GM102-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28SDIP</div> <div>In stock: 27348 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EV256GM006T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 30185 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EV256GM102-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 28QFN</div> <div>In stock: 26205 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33EV256GM006-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 22610 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EV256GM006T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64QFN</div> <div>In stock: 32099 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EV256GM004-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44QFN</div> <div>In stock: 33514 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EV256GM004T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 44QFN</div> <div>In stock: 27863 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EV256GM006-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 256KB FLASH 64TQFP</div> <div>In stock: 27837 pcs</div> <div>RFQ</div>  |