

DSPIC33EV64GM102-E/SS





Part Number:

DSPIC33EV64GM102-E/SS

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 64KB FLASH 28SSOP

Data sheet:

 [dsPIC33EVyyyGM00y/10y Prog Spec](#)

 [dsPIC33EVxxGM00x/10x Family Datasheet](#)

 [dsPIC33EVzzzGM00z/10z Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

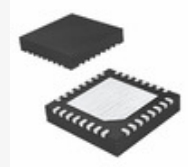
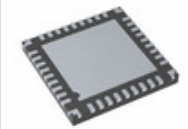
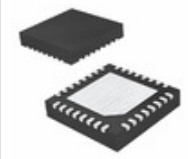
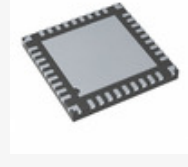
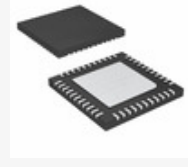
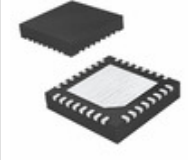
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                         |                                 |                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DSPIC33EV64GM102-E/SS                                                                                   | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 16BIT 64KB FLASH 28SSOP                                                                          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32754 pcs                                                                                               | Data sheet                      | <a href="#">dsPIC33EVyyyGM00y/10y Prog Spec</a><br><a href="#">dsPIC33EVxxGM00x/10x Family Datasheet</a><br><a href="#">dsPIC33EVzzzGM00z/10z Family Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                               | Voltage - Supply (Vcc/Vdd)      | 4.5 V ~ 5.5 V                                                                                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28-SSOP                                                                                                 | Speed                           | 60 MIPs                                                                                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Automotive, AEC-Q100, dsPIC™ 33EV                                                                       | RAM Size                        | 8K x 8                                                                                                                                                          |
| 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 ~ 125°C (TA)                                                                                      | Number of I/O                   | 21                                                                                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                                                                                           | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                              | EEPROM Size                     | -                                                                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dsPIC Automotive, AEC-Q100, dsPIC™ 33EV Microcontroller IC 16-Bit 60 MIPs 64KB (22K x 24) FLASH 28-SSOP | Data Converters                 | A/D 11x10/12b                                                                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-Bit                                                                                                  | Core Processor                  | dsPIC                                                                                                                                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                              |                                 |                                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DSPIC33EV64GM102-I/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM103-E/M5</a><br>Description: ECC FLASH, 8KB RAM              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006-E/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102T-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-E/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-I/SS</a><br>Description: IC MCU 16BIT 64KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM103T-I/M5</a><br>Description: ECC FLASH, 8KB RAM             | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006-I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM104-E/ML</a><br>Description: IC MCU 16BIT 64KB FLASH 44QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM103-I/M5</a><br>Description: ECC FLASH, 8KB RAM              | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006T-I/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-E/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102-E/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM102T-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006T-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 64TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM004T-I/PT</a><br>Description: IC MCU 16BIT 64KB FLASH 44TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EV64GM006-E/MR</a><br>Description: IC MCU 16BIT 64KB FLASH 64QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for DSPIC33EV64GM102-E/SS

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