




Micrel / Microchip Technology

DSPIC33EP64GP502-I/SS

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| Part Number: | DSPIC33EP64GP502-I/SS |
| Manufacturer/Brand: | Micrel / Microchip Technology |
| Product description: | IC MCU 16BIT 64KB FLASH 28SSOP PDF 1.DSPIC33EP64GP502-I/SS.pdf PDF 2.DSPIC33EP64GP502-I/SS.pdf PDF 3.DSPIC33EP64GP502-I/SS.pdf |
| Datasheets: | |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

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Image may be representation. See specifications for product details.

Specifications of DSPIC33EP64GP502-I/SS

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|----------------------------------|---|
| PART NUMBER | DSPIC33EP64GP502-I/SS |
| MANUFACTURER | Micrel / Microchip Technology |
| DESCRIPTION | IC MCU 16BIT 64KB FLASH 28SSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF 1.DSPIC33EP64GP502-I/SS.pdf PDF 2.DSPIC33EP64GP502-I/SS.pdf PDF 3.DSPIC33EP64GP502-I/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 3 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 28-SSOP |
| SPEED | 70 MIPs |
| SERIES | dsPIC™ 33EP |
| RAM SIZE | 4K x 16 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 64KB (22K x 24) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| PACKAGING | Tube |
| PACKAGE / CASE | 28-SSOP (0.209", 5.30mm Width) |
| OTHER NAMES | DSPIC33EP64GP502ISS |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°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 dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 64KB (22K x 24) FLASH 28-SSOP |
| DATA CONVERTERS | A/D 6x10b/12b |
| CORE SIZE | 16-Bit |
| CORE PROCESSOR | dsPIC |
| CONNECTIVITY | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART |
| BASE PART NUMBER | DSPIC33EP64GP502 |

Related Tags

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