

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP16GS202-E/SO

Part Number:	DSPIC33EP16GS202-E/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 16KB FLASH 28SOIC
Datasheets:	 DSPIC33EP16GS202-E/SO.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

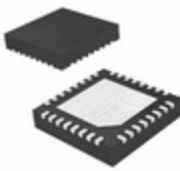
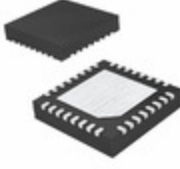
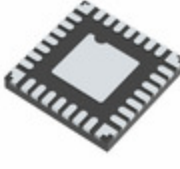
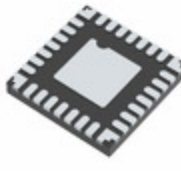
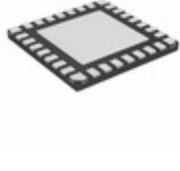
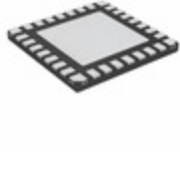
Specifications of DSPIC33EP16GS202-E/SO

PART NUMBER	DSPIC33EP16GS202-E/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 DSPIC33EP16GS202-E/SO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	28-SOIC
SPEED	60 MIPs
SERIES	Automotive, AEC-Q100, dsPIC™ 33EP
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF I/O	21
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 16KB (16K x 8) FLASH 28-SOIC
DATA CONVERTERS	A/D 12x12b, D/A 2x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP16GS202

Related Tags

Micrel / Microchip Technology DSPIC33EP16GS202-E/SO	DSPIC33EP16GS202-E/SO Distributor	DSPIC33EP16GS202-E/SO Supplier
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Related Products

MICROCHIP DSPIC33EP128MU506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC DSC 16BIT 128KB FLASH In stock: Out stock RFQ	 DSPIC33EP16GS202-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28QFN In stock: Out stock RFQ
 DSPIC33EP16GS202-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28SSOP In stock: 317 pcs RFQ	 DSPIC33EP16GS202-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28QFN In stock: Out stock RFQ
MICROCHIP DSPIC33EP128MU506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC DSC 16BIT 128KB FLASH In stock: Out stock RFQ	 DSPIC33EP16GS202-I/M6 Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28UQFN In stock: 45 pcs RFQ
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