



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP512GP502-I/SP

Part Number:	DSPIC33EP512GP502-I/SP
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 28SDIP
	 1.DSPIC33EP512GP502-I/SP.pdf
	 2.DSPIC33EP512GP502-I/SP.pdf
	 3.DSPIC33EP512GP502-I/SP.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	28250 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

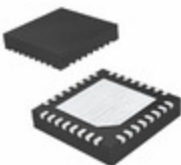
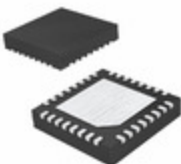
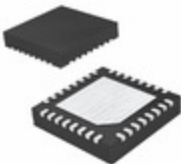
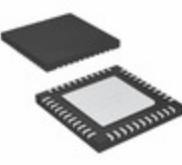
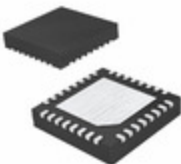
Specifications of DSPIC33EP512GP502-I/SP

PART NUMBER	DSPIC33EP512GP502-I/SP
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 28SDIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	28250 pcs
DATA SHEET	 1.DSPIC33EP512GP502-I/SP.pdf  2.DSPIC33EP512GP502-I/SP.pdf  3.DSPIC33EP512GP502-I/SP.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	28-SPDIP
SPEED	70 MIPS
SERIES	dsPIC™ 33EP
RAM SIZE	24K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (170K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-DIP (0.300", 7.62mm)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	21
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPS 512KB (170K x 24) FLASH 28-SPDIP
DATA CONVERTERS	A/D 6x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP512GP502

Related Tags

Micrel / Microchip Technology DSPIC33EP512GP502-I/SP	DSPIC33EP512GP502-I/SP Distributor	DSPIC33EP512GP502-I/SP Supplier
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Related Products

 DSPIC33EP512GP502T-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 5873 pcs RFQ	 DSPIC33EP512GP502T-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SOIC In stock: 5393 pcs RFQ
 DSPIC33EP512GP504-E/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 48UQFN In stock: 23942 pcs RFQ	 DSPIC33EP512GP502-H/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SDIP In stock: 17236 pcs RFQ
 DSPIC33EP512GP502-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 25600 pcs RFQ	 DSPIC33EP512GP502T-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SOIC In stock: 26563 pcs RFQ
 DSPIC33EP512GP502-H/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 17901 pcs RFQ	 DSPIC33EP512GP502-E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SDIP In stock: 24292 pcs RFQ
 DSPIC33EP512GP502-H/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SOIC In stock: 4954 pcs RFQ	 DSPIC33EP512GP504-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44QFN In stock: 23190 pcs RFQ
 DSPIC33EP512GP502T-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 25641 pcs RFQ	 DSPIC33EP512GP502-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SOIC In stock: 20315 pcs RFQ