

 **MICROCHIP**

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP512MC504T-I/ML

Part Number:	DSPIC33EP512MC504T-I/ML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 44QFN
	 1.DSPIC33EP512MC504T-I/ML.pdf
	 2.DSPIC33EP512MC504T-I/ML.pdf
	 3.DSPIC33EP512MC504T-I/ML.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	28479 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

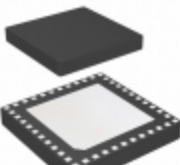
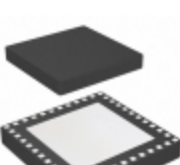
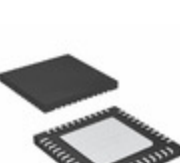
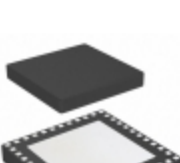
Specifications of DSPIC33EP512MC504T-I/ML

PART NUMBER	DSPIC33EP512MC504T-I/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	28479 pcs
DATA SHEET	 1.DSPIC33EP512MC504T-I/ML.pdf  2.DSPIC33EP512MC504T-I/ML.pdf  3.DSPIC33EP512MC504T-I/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
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, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	44-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
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 44-QFN (8x8)
DATA CONVERTERS	A/D 9x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP512MC504

Related Tags

Micrel / Microchip Technology DSPIC33EP512MC504T-I/ML	DSPIC33EP512MC504T-I/ML Distributor	DSPIC33EP512MC504T-I/ML Supplier
DSPIC33EP512MC504T-I/ML Price	DSPIC33EP512MC504T-I/ML Pictures	DSPIC33EP512MC504T-I/ML Image
DSPIC33EP512MC504T-I/ML PDF Datasheet	DSPIC33EP512MC504T-I/ML Download Datasheet	DSPIC33EP512MC504T-I/ML Datasheet
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Related Products

 DSPIC33EP512MC504-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44TQFP In stock: 20264 pcs RFQ	 DSPIC33EP512MC506-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 19318 pcs RFQ
 DSPIC33EP512MC504T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44TQFP In stock: 6694 pcs RFQ	 DSPIC33EP512MC504T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44VTLA In stock: 6667 pcs RFQ
 DSPIC33EP512MC504-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 48UQFN In stock: 26986 pcs RFQ	 DSPIC33EP512MC506-H/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 15251 pcs RFQ
 DSPIC33EP512MC504T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44TQFP In stock: 6165 pcs RFQ	 DSPIC33EP512MC504T-E/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44VTLA In stock: 3379 pcs RFQ
 DSPIC33EP512MC504T-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44QFN In stock: 4397 pcs RFQ	 DSPIC33EP512MC504T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 48UQFN In stock: 26595 pcs RFQ
 DSPIC33EP512MC504-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44VTLA In stock: 4646 pcs RFQ	 DSPIC33EP512MC506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 4957 pcs RFQ