



Micrel / Microchip Technology



DSPIC33EP512MC506T-E/PT

Part Number:	DSPIC33EP512MC506T-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 64TQFP
	1.DSPIC33EP512MC506T-E/PT.pdf
	2.DSPIC33EP512MC506T-E/PT.pdf
	3.DSPIC33EP512MC506T-E/PT.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

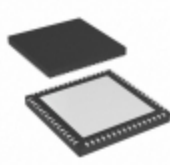
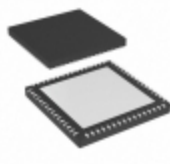
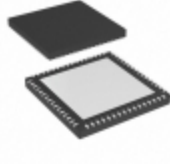
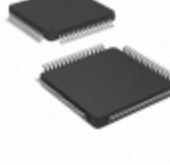
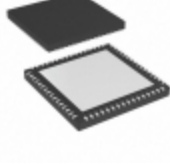
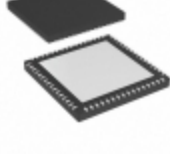
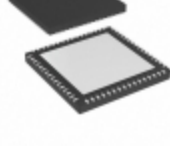
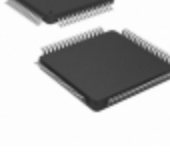
Specifications of DSPIC33EP512MC506T-E/PT

PART NUMBER	DSPIC33EP512MC506T-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC33EP512MC506T-E/PT.pdf 2.DSPIC33EP512MC506T-E/PT.pdf 3.DSPIC33EP512MC506T-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	60 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	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	53
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 60 MIPs 512KB (170K x 24) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 16x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP512MC506

Related Tags

Micrel / Microchip Technology DSPIC33EP512MC506T-E/PT	DSPIC33EP512MC506T-E/PT Distributor	DSPIC33EP512MC506T-E/PT Supplier
DSPIC33EP512MC506T-E/PT Price	DSPIC33EP512MC506T-E/PT Pictures	DSPIC33EP512MC506T-E/PT Image
DSPIC33EP512MC506T-E/PT PDF Datasheet	DSPIC33EP512MC506T-E/PT Download Datasheet	DSPIC33EP512MC506T-E/PT Datasheet
DSPIC33EP512MC506T-E/PT Stock	Buy DSPIC33EP512MC506T-E/PT	Buy Micrel / Microchip Technology DSPIC33EP512MC506T-E/PT
Micrel / Microchip Technology DSPIC33EP512MC506T-E/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512MC506T-E/PT	Microchip Technology DSPIC33EP512MC506T-E/PT	Roving Networks / Microchip Technology DSPIC33EP512MC506T-E/PT

Related Products

 DSPIC33EP512MC506T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 DSPIC33EP512MC806-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 122 pcs RFQ
 DSPIC33EP512MC506-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 DSPIC33EP512MC506-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ
 DSPIC33EP512MC506-H/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 DSPIC33EP512MC506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ
 DSPIC33EP512MC806-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 817 pcs RFQ	 DSPIC33EP512MC806-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ
 DSPIC33EP512MC506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 354 pcs RFQ	 DSPIC33EP512MC506T-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ
 DSPIC33EP512MC806-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 18 pcs RFQ	 DSPIC33EP512MC506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ