



Micrel / Microchip Technology



DSPIC33EP512MC506-I/MR

Part Number:	DSPIC33EP512MC506-I/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 64QFN  1.DSPIC33EP512MC506-I/MR.pdf  2.DSPIC33EP512MC506-I/MR.pdf  3.DSPIC33EP512MC506-I/MR.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	24247 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

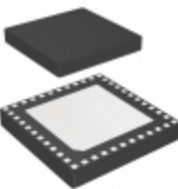
Specifications of DSPIC33EP512MC506-I/MR

PART NUMBER	DSPIC33EP512MC506-I/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	24247 pcs
DATA SHEET	 1.DSPIC33EP512MC506-I/MR.pdf  2.DSPIC33EP512MC506-I/MR.pdf  3.DSPIC33EP512MC506-I/MR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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	Tube
PACKAGE / CASE	64-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 70 MIPS 512KB (170K x 24) FLASH 64-QFN (9x9)
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 DSPIC33EP512MC506-I/MR	DSPIC33EP512MC506-I/MR Distributor	DSPIC33EP512MC506-I/MR Supplier
DSPIC33EP512MC506-I/MR Price	DSPIC33EP512MC506-I/MR Pictures	DSPIC33EP512MC506-I/MR Image
DSPIC33EP512MC506-I/MR PDF Datasheet	DSPIC33EP512MC506-I/MR Download Datasheet	DSPIC33EP512MC506-I/MR Datasheet
DSPIC33EP512MC506-I/MR Stock	Buy DSPIC33EP512MC506-I/MR	Buy Micrel / Microchip Technology DSPIC33EP512MC506-I/MR
Micrel / Microchip Technology DSPIC33EP512MC506-I/MR	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512MC506-I/MR	Microchip Technology DSPIC33EP512MC506-I/MR	Roving Networks / Microchip Technology DSPIC33EP512MC506-I/MR

Related Products

 DSPIC33EP512MC506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 22488 pcs RFQ	 DSPIC33EP512MC506T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 6136 pcs RFQ
 DSPIC33EP512MC506-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 19318 pcs RFQ	 DSPIC33EP512MC506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 4957 pcs RFQ
 DSPIC33EP512MC506T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 21937 pcs RFQ	 DSPIC33EP512MC506-H/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 15251 pcs RFQ
 DSPIC33EP512MC506T-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 4584 pcs RFQ	 DSPIC33EP512MC504T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44VTLA In stock: 6667 pcs RFQ
 DSPIC33EP512MC506-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 20022 pcs RFQ	 DSPIC33EP512MC504T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44TQFP In stock: 6694 pcs RFQ
 DSPIC33EP512MC806-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 12298 pcs RFQ	 DSPIC33EP512MC506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 6607 pcs RFQ