



Micrel / Microchip Technology

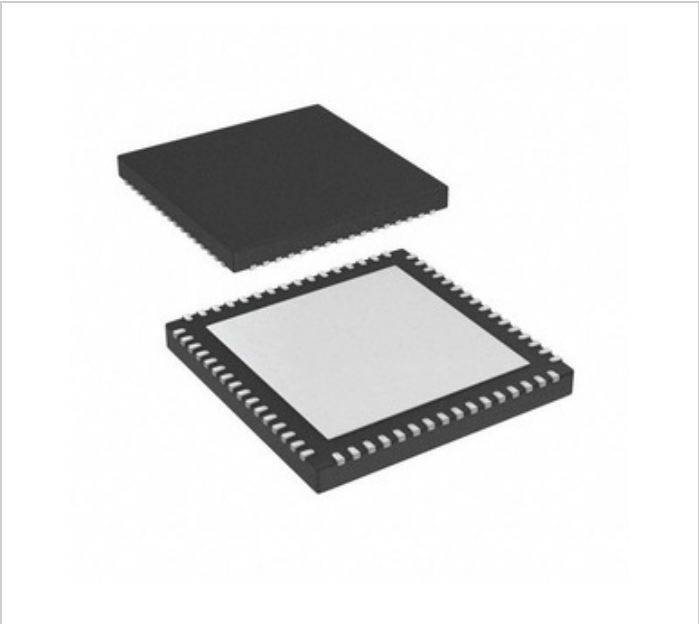


Image may be representation. See specifications for product details.

DSPIC33EP512MC506-H/MR

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

REQUEST FOR QUOTATION

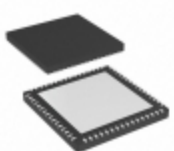
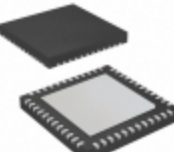
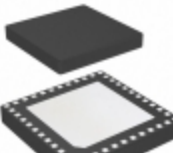
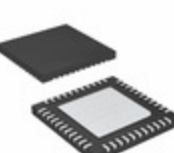
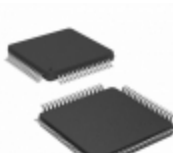
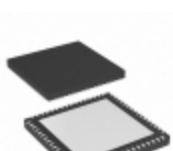
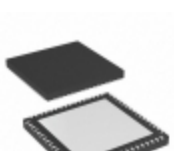
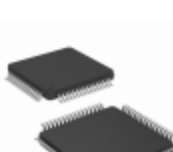
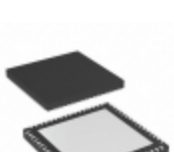
Specifications of DSPIC33EP512MC506-H/MR

PART NUMBER	DSPIC33EP512MC506-H/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.DSPIC33EP512MC506-H/MR.pdf
	 2.DSPIC33EP512MC506-H/MR.pdf
	 3.DSPIC33EP512MC506-H/MR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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	Tube
PACKAGE / CASE	64-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 150°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	5 Weeks
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-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-H/MR	DSPIC33EP512MC506-H/MR Distributor	DSPIC33EP512MC506-H/MR Supplier
DSPIC33EP512MC506-H/MR Price	DSPIC33EP512MC506-H/MR Pictures	DSPIC33EP512MC506-H/MR Image
DSPIC33EP512MC506-H/MR PDF Datasheet	DSPIC33EP512MC506-H/MR Download Datasheet	DSPIC33EP512MC506-H/MR Datasheet
DSPIC33EP512MC506-H/MR Stock	Buy DSPIC33EP512MC506-H/MR	Buy Micrel / Microchip Technology DSPIC33EP512MC506-H/MR
Micrel / Microchip Technology DSPIC33EP512MC506-H/MR	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512MC506-H/MR	Microchip Technology DSPIC33EP512MC506-H/MR	Roving Networks / Microchip Technology DSPIC33EP512MC506-H/MR

Related Products

 DSPIC33EP512MC506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ	 DSPIC33EP512MC506T-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	 DSPIC33EP512MC504T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 48UQFN In stock: Out stock RFQ
 DSPIC33EP512MC504T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44VTLA In stock: Out stock RFQ	 DSPIC33EP512MC504T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44QFN In stock: Out stock RFQ
 DSPIC33EP512MC506T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ	 DSPIC33EP512MC504T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 44TQFP In stock: Out stock RFQ
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