



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP512GM306T-I/MR

Part Number:	DSPIC33EP512GM306T-I/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 64QFN
	PDF 1.DSPIC33EP512GM306T-I/MR.pdf
	PDF 2.DSPIC33EP512GM306T-I/MR.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

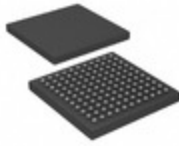
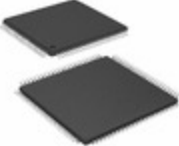
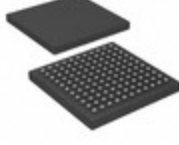
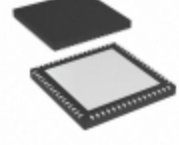
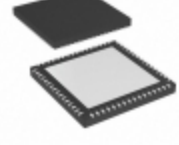
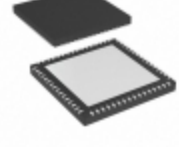
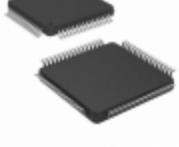
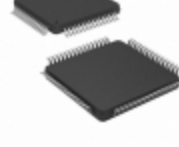
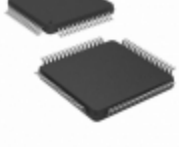
Specifications of DSPIC33EP512GM306T-I/MR

PART NUMBER	DSPIC33EP512GM306T-I/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.DSPIC33EP512GM306T-I/MR.pdf PDF 2.DSPIC33EP512GM306T-I/MR.pdf
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	70 MIPS
SERIES	dsPIC™ 33EP
RAM SIZE	48K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (170K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
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)	3 (168 Hours)
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 30x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, QEI, SPI, UART/USART

Related Tags

Micrel / Microchip Technology DSPIC33EP512GM306T-I/MR	DSPIC33EP512GM306T-I/MR Distributor	DSPIC33EP512GM306T-I/MR Supplier
DSPIC33EP512GM306T-I/MR Price	DSPIC33EP512GM306T-I/MR Pictures	DSPIC33EP512GM306T-I/MR Image
DSPIC33EP512GM306T-I/MR PDF Datasheet	DSPIC33EP512GM306T-I/MR Download Datasheet	DSPIC33EP512GM306T-I/MR Datasheet
DSPIC33EP512GM306T-I/MR Stock	Buy DSPIC33EP512GM306T-I/MR	Buy Micrel / Microchip Technology DSPIC33EP512GM306T-I/MR
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Related Products

 DSPIC33EP512GM310-E/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: Out stock RFQ	 DSPIC33EP512GM310-H/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: Out stock RFQ
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 DSPIC33EP512GM306-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 5 pcs RFQ	 DSPIC33EP512GM306-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 160 pcs RFQ
 DSPIC33EP512GM306-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 480 pcs RFQ	 DSPIC33EP512GM306T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ