



Micrel / Microchip Technology



DSPIC33EP512GM306T-I/PT

Part Number:	DSPIC33EP512GM306T-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 64TQFP
Datasheets:	 1.DSPIC33EP512GM306T-I/PT.pdf
	 2.DSPIC33EP512GM306T-I/PT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	21646 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

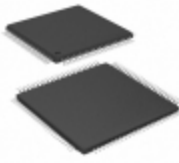
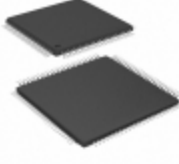
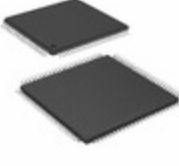
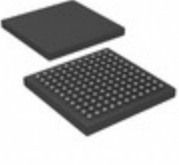
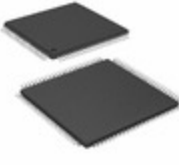
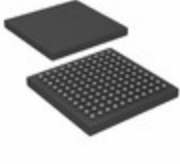
Specifications of DSPIC33EP512GM306T-I/PT

PART NUMBER	DSPIC33EP512GM306T-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21646 pcs
DATA SHEET	 1.DSPIC33EP512GM306T-I/PT.pdf
	 2.DSPIC33EP512GM306T-I/PT.pdf
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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-TQFP
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-TQFP (10x10)
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/PT	DSPIC33EP512GM306T-I/PT Distributor	DSPIC33EP512GM306T-I/PT Supplier
DSPIC33EP512GM306T-I/PT Price	DSPIC33EP512GM306T-I/PT Pictures	DSPIC33EP512GM306T-I/PT Image
DSPIC33EP512GM306T-I/PT PDF Datasheet	DSPIC33EP512GM306T-I/PT Download Datasheet	DSPIC33EP512GM306T-I/PT Datasheet
DSPIC33EP512GM306T-I/PT Stock	Buy DSPIC33EP512GM306T-I/PT	Buy Micrel / Microchip Technology DSPIC33EP512GM306T-I/PT
Micrel / Microchip Technology DSPIC33EP512GM306T-I/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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Related Products

 DSPIC33EP512GM310-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6024 pcs RFQ	 DSPIC33EP512GM306-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 14554 pcs RFQ
 DSPIC33EP512GM310-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 15594 pcs RFQ	 DSPIC33EP512GM306-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 14884 pcs RFQ
 DSPIC33EP512GM310-E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 12963 pcs RFQ	 DSPIC33EP512GM306-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 16006 pcs RFQ
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 DSPIC33EP512GM306-H/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 5595 pcs RFQ	 DSPIC33EP512GM306T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 4203 pcs RFQ
 DSPIC33EP512GM310-H/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6195 pcs RFQ	 DSPIC33EP512GM310-H/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 13461 pcs RFQ