



DSPIC33EP512GM310-E/PF

Part Number:	DSPIC33EP512GM310-E/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 100TQFP
Datasheets:	1.DSPIC33EP512GM310-E/PF.pdf 2.DSPIC33EP512GM310-E/PF.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	12963 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

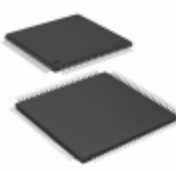
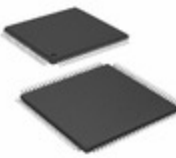
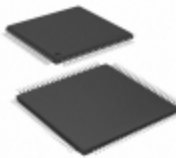
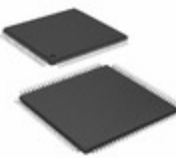
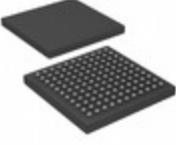
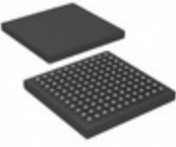
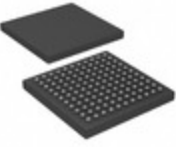
Specifications of DSPIC33EP512GM310-E/PF

PART NUMBER	DSPIC33EP512GM310-E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12963 pcs
DATA SHEET	1.DSPIC33EP512GM310-E/PF.pdf 2.DSPIC33EP512GM310-E/PF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	60 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	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	85
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 100-TQFP (14x14)
DATA CONVERTERS	A/D 49x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, QEI, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP512GM310

Related Tags

Micrel / Microchip Technology DSPIC33EP512GM310-E/PF	DSPIC33EP512GM310-E/PF Distributor	DSPIC33EP512GM310-E/PF Supplier
DSPIC33EP512GM310-E/PF Price	DSPIC33EP512GM310-E/PF Pictures	DSPIC33EP512GM310-E/PF Image
DSPIC33EP512GM310-E/PF PDF Datasheet	DSPIC33EP512GM310-E/PF Download Datasheet	DSPIC33EP512GM310-E/PF Datasheet
DSPIC33EP512GM310-E/PF Stock	Buy DSPIC33EP512GM310-E/PF	Buy Micrel / Microchip Technology DSPIC33EP512GM310-E/PF
Micrel / Microchip Technology DSPIC33EP512GM310-E/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512GM310-E/PF	Microchip Technology DSPIC33EP512GM310-E/PF	Roving Networks / Microchip Technology DSPIC33EP512GM310-E/PF

Related Products

 DSPIC33EP512GM306-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 16006 pcs RFQ	 DSPIC33EP512GM310-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 15594 pcs RFQ
 DSPIC33EP512GM310-H/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6195 pcs RFQ	 DSPIC33EP512GM306T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 4203 pcs RFQ
 DSPIC33EP512GM306-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 14884 pcs RFQ	 DSPIC33EP512GM306T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 21646 pcs RFQ
 DSPIC33EP512GM310-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6024 pcs RFQ	 DSPIC33EP512GM310-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 14623 pcs RFQ
 DSPIC33EP512GM310-H/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 13461 pcs RFQ	 DSPIC33EP512GM306-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 14554 pcs RFQ
 DSPIC33EP512GM310-E/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 15490 pcs RFQ	 DSPIC33EP512GM310-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 17221 pcs RFQ