

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP512GM310-E/BG

Part Number:	DSPIC33EP512GM310-E/BG
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 121BGA
Datasheets:	 1.DSPIC33EP512GM310-E/BG.pdf
	 2.DSPIC33EP512GM310-E/BG.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15490 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

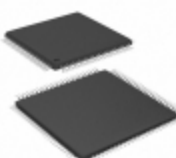
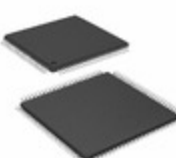
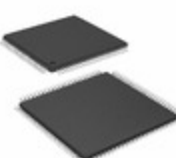
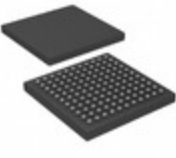
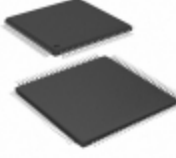
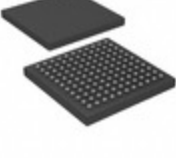
Specifications of DSPIC33EP512GM310-E/BG

PART NUMBER	DSPIC33EP512GM310-E/BG
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15490 pcs
DATA SHEET	 1.DSPIC33EP512GM310-E/BG.pdf
	 2.DSPIC33EP512GM310-E/BG.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-TFBGA (10x10)
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	121-TFBGA
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 121-TFBGA (10x10)
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/BG	DSPIC33EP512GM310-E/BG Distributor	DSPIC33EP512GM310-E/BG Supplier
DSPIC33EP512GM310-E/BG Price	DSPIC33EP512GM310-E/BG Pictures	DSPIC33EP512GM310-E/BG Image
DSPIC33EP512GM310-E/BG PDF Datasheet	DSPIC33EP512GM310-E/BG Download Datasheet	DSPIC33EP512GM310-E/BG Datasheet
DSPIC33EP512GM310-E/BG Stock	Buy DSPIC33EP512GM310-E/BG	Buy Micrel / Microchip Technology DSPIC33EP512GM310-E/BG
Micrel / Microchip Technology DSPIC33EP512GM310-E/BG	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512GM310-E/BG	Microchip Technology DSPIC33EP512GM310-E/BG	Roving Networks / Microchip Technology DSPIC33EP512GM310-E/BG

Related Products

 DSPIC33EP512GM306-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 14554 pcs RFQ	 DSPIC33EP512GM306-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 14884 pcs RFQ
 DSPIC33EP512GM306T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 4203 pcs RFQ	 DSPIC33EP512GM310-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 15594 pcs RFQ
 DSPIC33EP512GM306-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 16006 pcs RFQ	 DSPIC33EP512GM306-H/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 5595 pcs RFQ
 DSPIC33EP512GM310-E/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 12963 pcs RFQ	 DSPIC33EP512GM310-H/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6195 pcs RFQ
 DSPIC33EP512GM310-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 17221 pcs RFQ	 DSPIC33EP512GM310-H/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 6024 pcs RFQ
 DSPIC33EP512GM310-H/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 13461 pcs RFQ	 DSPIC33EP512GM306T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 21646 pcs RFQ