



Micrel / Microchip Technology

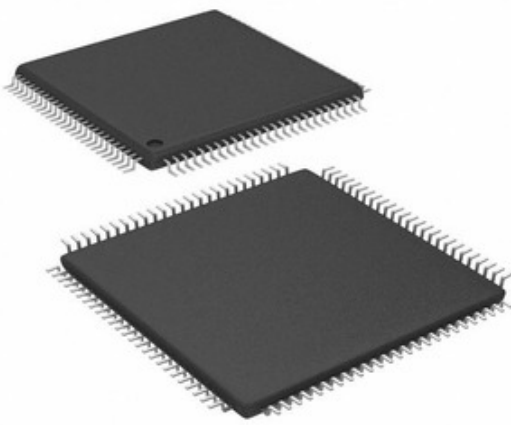


Image may be representation. See specifications for product details.

DSPIC33EP512MU810-E/PF

Part Number:	DSPIC33EP512MU810-E/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 100TQFP
	1.DSPIC33EP512MU810-E/PF.pdf
	2.DSPIC33EP512MU810-E/PF.pdf
	3.DSPIC33EP512MU810-E/PF.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

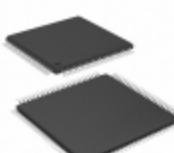
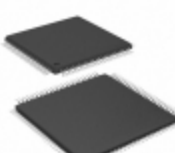
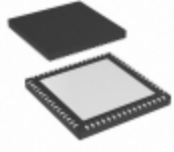
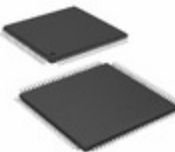
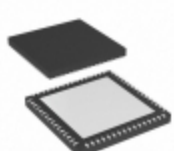
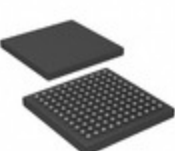
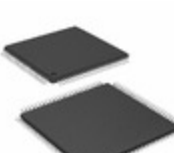
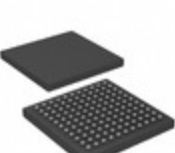
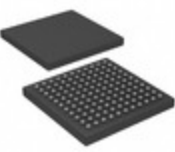
Specifications of DSPIC33EP512MU810-E/PF

PART NUMBER	DSPIC33EP512MU810-E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC33EP512MU810-E/PF.pdf 2.DSPIC33EP512MU810-E/PF.pdf 3.DSPIC33EP512MU810-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	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	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 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 100-TQFP (14x14)
DATA CONVERTERS	A/D 32x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART, USB OTG
BASE PART NUMBER	DSPIC33EP512MU810

Related Tags

Micrel / Microchip Technology DSPIC33EP512MU810-E/PF	DSPIC33EP512MU810-E/PF Distributor	DSPIC33EP512MU810-E/PF Supplier
DSPIC33EP512MU810-E/PF Price	DSPIC33EP512MU810-E/PF Pictures	DSPIC33EP512MU810-E/PF Image
DSPIC33EP512MU810-E/PF PDF Datasheet	DSPIC33EP512MU810-E/PF Download Datasheet	DSPIC33EP512MU810-E/PF Datasheet
DSPIC33EP512MU810-E/PF Stock	Buy DSPIC33EP512MU810-E/PF	Buy Micrel / Microchip Technology DSPIC33EP512MU810-E/PF
Micrel / Microchip Technology DSPIC33EP512MU810-E/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512MU810-E/PF	Microchip Technology DSPIC33EP512MU810-E/PF	Roving Networks / Microchip Technology DSPIC33EP512MU810-E/PF

Related Products

 DSPIC33EP512MU810-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 926 pcs RFQ	 DSPIC33EP512MU810-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 80 pcs RFQ
 DSPIC33EP512MC806T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 DSPIC33EP512MC806T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ
 DSPIC33EP512MC806T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ	 DSPIC33EP512MU810T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: Out stock RFQ
 DSPIC33EP512MC806T-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 DSPIC33EP512MU810-E/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: Out stock RFQ
 DSPIC33EP512MU810-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: Out stock RFQ	 DSPIC33EP512MU810-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 160 pcs RFQ
 DSPIC33EP512MC806-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 817 pcs RFQ	 DSPIC33EP512MU810T-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: Out stock RFQ