



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33EP512MU814-I/PH

Part Number:	DSPIC33EP512MU814-I/PH
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 144TQFP
	1.DSPIC33EP512MU814-I/PH.pdf
	2.DSPIC33EP512MU814-I/PH.pdf
	3.DSPIC33EP512MU814-I/PH.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

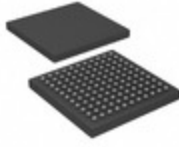
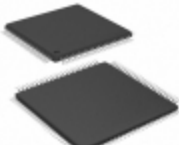
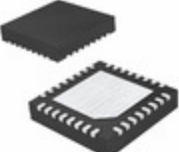
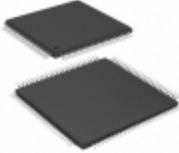
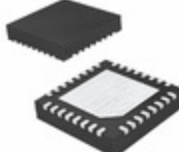
Specifications of DSPIC33EP512MU814-I/PH

PART NUMBER	DSPIC33EP512MU814-I/PH
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.DSPIC33EP512MU814-I/PH.pdf 2.DSPIC33EP512MU814-I/PH.pdf 3.DSPIC33EP512MU814-I/PH.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-TQFP (16x16)
SPEED	70 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	144-TQFP
OTHER NAMES	DSPIC33EP512MU814IPH
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	122
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 70 MIPS 512KB (170K x 24) FLASH 144-TQFP (16x16)
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	DSPIC33EP512MU814

Related Tags

Micrel / Microchip Technology DSPIC33EP512MU814-I/PH	DSPIC33EP512MU814-I/PH Distributor	DSPIC33EP512MU814-I/PH Supplier
DSPIC33EP512MU814-I/PH Price	DSPIC33EP512MU814-I/PH Pictures	DSPIC33EP512MU814-I/PH Image
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Related Products

 DSPIC33EP512MU810T-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: Out stock RFQ	 DSPIC33EP512MU814-E/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 89 pcs RFQ
 DSPIC33EP512MU814-E/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 589 pcs RFQ	 DSPIC33EP512MU810T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: Out stock RFQ
 DSPIC33EP64GP502-E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SDIP In stock: Out stock RFQ	 DSPIC33EP64GP502-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28QFN In stock: Out stock RFQ
 DSPIC33EP64GP502-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SOIC In stock: Out stock RFQ	 DSPIC33EP512MU810-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 926 pcs RFQ
 DSPIC33EP512MU814-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 374 pcs RFQ	 DSPIC33EP512MU810T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: Out stock RFQ
 DSPIC33EP64GP502-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28QFN In stock: Out stock RFQ	 DSPIC33EP64GP502-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SSOP In stock: Out stock RFQ