



Micrel / Microchip Technology



DSPIC33EP512MU814-E/PL

Part Number:	DSPIC33EP512MU814-E/PL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 144LQFP
	 1.DSPIC33EP512MU814-E/PL.pdf
	 2.DSPIC33EP512MU814-E/PL.pdf
	 3.DSPIC33EP512MU814-E/PL.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9026 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

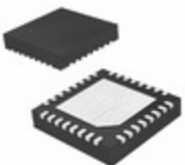
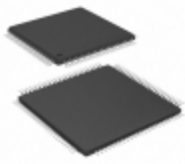
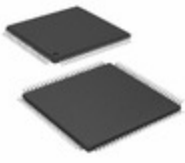
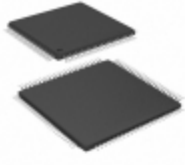
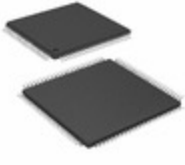
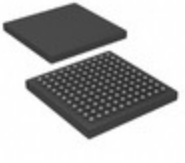
Specifications of DSPIC33EP512MU814-E/PL

PART NUMBER	DSPIC33EP512MU814-E/PL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9026 pcs
DATA SHEET	 1.DSPIC33EP512MU814-E/PL.pdf  2.DSPIC33EP512MU814-E/PL.pdf  3.DSPIC33EP512MU814-E/PL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	122
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 60 MIPS 512KB (170K x 24) FLASH 144-LQFP (20x20)
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-E/PL	DSPIC33EP512MU814-E/PL Distributor	DSPIC33EP512MU814-E/PL Supplier
DSPIC33EP512MU814-E/PL Price	DSPIC33EP512MU814-E/PL Pictures	DSPIC33EP512MU814-E/PL Image
DSPIC33EP512MU814-E/PL PDF Datasheet	DSPIC33EP512MU814-E/PL Download Datasheet	DSPIC33EP512MU814-E/PL Datasheet
DSPIC33EP512MU814-E/PL Stock	Buy DSPIC33EP512MU814-E/PL	Buy Micrel / Microchip Technology DSPIC33EP512MU814-E/PL
Micrel / Microchip Technology DSPIC33EP512MU814-E/PL	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP512MU814-E/PL	Microchip Technology DSPIC33EP512MU814-E/PL	Roving Networks / Microchip Technology DSPIC33EP512MU814-E/PL

Related Products

 DSPIC33EP64GP502-E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SDIP In stock: 38446 pcs RFQ	 DSPIC33EP64GP502-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28QFN In stock: 41806 pcs RFQ
 DSPIC33EP512MU810T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 11691 pcs RFQ	 DSPIC33EP512MU814-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 9903 pcs RFQ
 DSPIC33EP512MU814-E/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 8057 pcs RFQ	 DSPIC33EP512MU810-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 11611 pcs RFQ
 DSPIC33EP512MU810-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 11710 pcs RFQ	 DSPIC33EP64GP502-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SSOP In stock: 34240 pcs RFQ
 DSPIC33EP512MU814-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 9784 pcs RFQ	 DSPIC33EP512MU810T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 11315 pcs RFQ
 DSPIC33EP512MU810T-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 11283 pcs RFQ	 DSPIC33EP64GP502-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SOIC In stock: 34863 pcs RFQ