



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC24EP512GU814-I/PL

Part Number:	PIC24EP512GU814-I/PL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 512KB FLASH 144LQFP
	 1.PIC24EP512GU814-I/PL.pdf
	 2.PIC24EP512GU814-I/PL.pdf
	 3.PIC24EP512GU814-I/PL.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8616 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

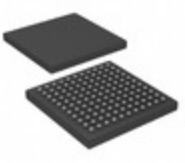
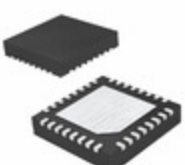
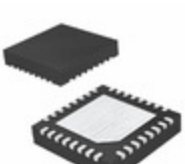
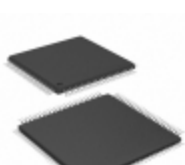
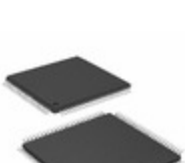
Specifications of PIC24EP512GU814-I/PL

PART NUMBER	PIC24EP512GU814-I/PL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8616 pcs
DATA SHEET	 1.PIC24EP512GU814-I/PL.pdf  2.PIC24EP512GU814-I/PL.pdf  3.PIC24EP512GU814-I/PL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	60 MIPS
SERIES	PIC® 24EP
RAM SIZE	24K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (170K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	PIC24EP512GU814IPL
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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	PIC PIC® 24EP 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	PIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, SPI, UART/USART, USB OTG
BASE PART NUMBER	PIC24EP512GU814

Related Tags

Micrel / Microchip Technology PIC24EP512GU814-I/PL	PIC24EP512GU814-I/PL Distributor	PIC24EP512GU814-I/PL Supplier
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Related Products

 PIC24EP512MC202-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SOIC In stock: 5859 pcs RFQ	 PIC24EP512GU810T-I/BG Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 121BGA In stock: 12110 pcs RFQ
 PIC24EP512MC202-H/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 19492 pcs RFQ	 PIC24EP512GU814-E/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 9064 pcs RFQ
 PIC24EP512MC202-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28QFN In stock: 6543 pcs RFQ	 PIC24EP512MC202-E/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 28SDIP In stock: 26758 pcs RFQ
 PIC24EP512GU810T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 11711 pcs RFQ	 PIC24EP512GU814-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 9732 pcs RFQ
 PIC24EP512GU814T-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 11943 pcs RFQ	 PIC24EP512GU814-E/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144TQFP In stock: 8691 pcs RFQ
 PIC24EP512GU814T-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 10435 pcs RFQ	 PIC24EP512GU810T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 100TQFP In stock: 14026 pcs RFQ