

PIC24EP512GU814-E/PL

Part Number: [PIC24EP512GU814-E/PL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 144LQFP

Data sheet: [16-bit Embedded Control Solutions](#)
 [dsPIC\(33,24\)EPzzz\(MU,GU\)8xx Datasheet](#)
 [dsPIC33EPxxx\(GP,Mx\)8xx, PIC24EPxxxGx81x Errata](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	PIC24EP512GU814-E/PL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10174 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet dsPIC33EPxxx(GP,Mx)8xx, PIC24EPxxxGx81x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3V ~ 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	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	122
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	5 Weeks
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, I ² C, IrDA, LINbus, SPI, UART/USART, USB OTG	Base Part Number	PIC24EP512GU814
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	Part#: PIC24EP512GU810-E/BG Description: IC MCU 16BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU814-I/PL Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU810-I/PF Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU814-E/PH Description: IC MCU 16BIT 512KB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512MC202-H/MM Description: IC MCU 16BIT 512KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC24EP512GU810-E/PT Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512MC202-H/SP Description: IC MCU 16BIT 512KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU810-E/PF Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512MC202-H/SO Description: IC MCU 16BIT 512KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU814-I/PH Description: IC MCU 16BIT 512KB FLASH 144TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GU810-I/BG Description: IC MCU 16BIT 512KB FLASH 121BGA	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for PIC24EP512GU814-E/PL

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