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See specifications for product details.



PIC24EP256GU814-I/PH

Manufacturer Part Number **PIC24EP256GU814-I/PH**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24EP256GU814-I/PH**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 16BIT 256KB FLASH 144TQFP**

Package **144-TQFP**

Data sheet **Cylindrical Battery Holders.pdf**

dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC24EP256GU814-I/PH - Microchip Technology. New Original in Stock. Download Linear Technology PIC24EP256GU814-I/PH datasheet/specifications on AllelcoElec.com. Request a quote for PIC24EP256GU814-I/PH, please send us email: info@allelco.com

Specifications

PIC24EP256GU814-I/PH Tech Specifications

PIC24EP256GU814-I/PH - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	144-TQFP (16x16)	Number of I/O	122
Speed	60 MIPs	Mounting Type	Surface Mount
Series	PIC® 24EP	EEPROM Size	-
RAM Size	12K x 16	Data Converters	A/D 32x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	256KB (85.5K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB OTG
Package / Case	144-TQFP	Base Product Number	PIC24EP256GU814
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24EP256GU814-I/PH

Product Attribute				
Part Number	PIC24EP256GU814-I/PH	PIC24EP256MC206-I/PT	PIC24EP32GP204-I/PT	PIC24EP256MC204-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	12K x 16	16K x 16	2K x 16	16K x 16
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® 24EP	PIC® 24EP	PIC® 24EP	PIC® 24EP
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Program Memory Size	256KB (85.5K x 24)	256KB (85.5K x 24)	32KB (10.7K x 24)	256KB (85.5K x 24)
Speed	60 MIPs	70 MIPs	70 MIPs	70 MIPs
Package	Tray	Tray	Tray	Tray
Base Product Number	PIC24EP256GU814	PIC24EP256MC206	PIC24EP32GP204	PIC24EP256MC204
Supplier Device Package	144-TQFP (16x16)	64-TQFP (10x10)	44-TQFP (10x10)	44-TQFP (10x10)
Number of I/O	122	53	35	35
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB OTG	I ² C, IrDA, LINbus, QEI, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
Package / Case	144-TQFP	64-TQFP	44-TQFP	44-TQFP
Data Converters	A/D 32x10b/12b	A/D 16x10b/12b	A/D 9x10b/12b	A/D 9x10b/12b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

PIC24EP256GU814-I/PH Datasheet PDF

Download PIC24EP256GU814-I/PH pdf datasheets and Microchip Technology documentation for PIC24EP256GU814-I/PH - Microchip Technology.

Datasheets

dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet.pdf





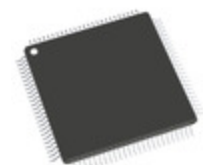
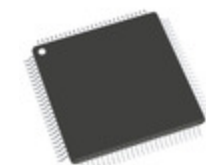
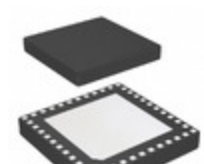




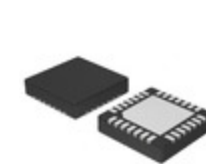
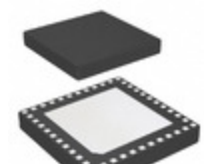

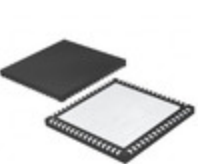
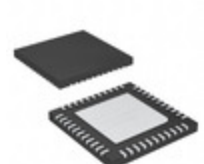


PCN Packaging

HTML Datasheet

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
PIC24EP256MC206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24EP32GP204-I/PT Microchip Technology IC MCU 16BIT 32KB FLASH 44TQFP	PIC24EP256MC204-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 44TQFP	PIC24EP256GP206-E/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24EP256GU810-E/PF Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24EP256GU810-I/PF Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP
					
PIC24EP256MC204-I/TL Microchip Technology IC MCU 16BIT 256KB FLASH 44VTLA	PIC24EP256GP206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24EP256MC202-I/SO Microchip Technology IC MCU 16BIT 256KB FLASH 28SOIC	PIC24EP32MC202-E/SS Microchip Technology IC MCU 16BIT 32KB FLASH 28SSOP	PIC24EP256GU810-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24EP32GP202-E/MM Microchip Technology IC MCU 16BIT 32KB FLASH 28QFN
					
PIC24EP256GP204-I/TL Microchip Technology IC MCU 16BIT 256KB FLASH 44VTLA	PIC24EP32GP202-I/SS Microchip Technology IC MCU 16BIT 32KB FLASH 28SSOP	PIC24EP256GP206-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN	PIC24EP32GP204-I/ML Microchip Technology IC MCU 16BIT 32KB FLASH 44QFN	PIC24EP256GU810-E/PT Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP	PIC24EP32GP202 Micrel / Microchip Technology

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

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Contact us if you have any questions.

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