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See specifications for product details.



PIC24HJ12GP201-I/SO

Manufacturer Part Number **PIC24HJ12GP201-I/SO**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24HJ12GP201-I/SO**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 16BIT 12KB FLASH 18SOIC**

Package **18-SOIC (0.295", 7.50mm Width)**

Data sheet **16-bit Embedded Control Solutions.pdf**

DSPIC33F, PIC24H Flash Programming Specification.pdf

PIC24HJ12GP201,202.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

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Specifications

PIC24HJ12GP201-I/SO Tech Specifications

PIC24HJ12GP201-I/SO - 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	18-SOIC	Number of I/O	13
Speed	40 MIPs	Mounting Type	Surface Mount
Series	PIC® 24H	EEPROM Size	-
RAM Size	1K x 8	Data Converters	A/D 6x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	12KB (4K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	18-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC24HJ12GP201
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24HJ12GP201-I/SO

Product Attribute				
Part Number	PIC24HJ12GP201-I/SO	PIC24HJ12GP202-E/ML	PIC24HJ256GP206-I/PT	PIC24HJ128GP506A-I/MR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	-	-	-	-
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Speed	40 MIPs	40 MIPs	40 MIPs	40 MIPs
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	18-SOIC	28-QFN (6x6)	64-TQFP (10x10)	64-VQFN (9x9)
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	13	21	53	53
Core Processor	PIC	PIC	PIC	PIC
Data Converters	A/D 6x10b/12b	A/D 10x10b/12b	A/D 18x10b, 18x12b	A/D 18x10b/12b
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Series	PIC® 24H	Automotive, AEC-Q100, PIC® 24H	PIC® 24H	PIC® 24H
Base Product Number	PIC24HJ12GP201	PIC24HJ12GP202	PIC24HJ256GP206	PIC24HJ128
Program Memory Size	12KB (4K x 24)	12KB (4K x 24)	256KB (85.5K x 24)	128KB (43K x 24)
Package	Tube	Tube	Tray	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
RAM Size	1K x 8	1K x 8	16K x 8	8K x 8
Package / Case	18-SOIC (0.295", 7.50mm Width)	28-VQFN Exposed Pad	64-TQFP	64-VQFN Exposed Pad

PIC24HJ12GP201-I/SO Datasheet PDF

Download PIC24HJ12GP201-I/SO pdf datasheets and Microchip Technology documentation for PIC24HJ12GP201-I/SO - Microchip Technology.

Datasheets



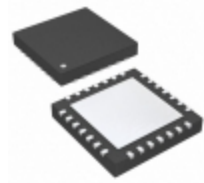

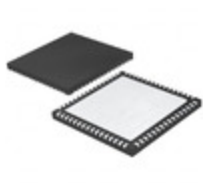

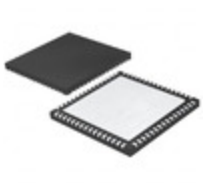
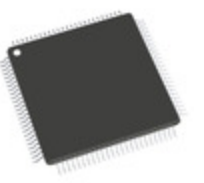






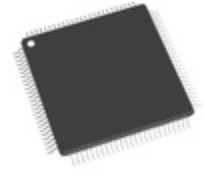



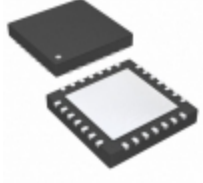

PIC24HJ12GP201,202.pdf

PCN Packaging

HTML Datasheet

Customers Also Interested in

Recommended Products

					
PIC24HJ12GP202-E/ML Microchip Technology IC MCU 16BIT 12KB FLASH 28QFN	PIC24HJ256GP206-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP	PIC24HJ128GP506A-I/MR Microchip Technology IC MCU 16BIT 128KB FLASH 64VQFN	PIC24HJ16GP304T-I/PT Microchip Technology IC MCU 16BIT 16KB FLASH 44TQFP	PIC24HJ256GP206A-I/MR Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN	PIC24HJ128GP510-I/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP
					
PIC24HJ12GP202-I/SO Microchip Technology IC MCU 16BIT 12KB FLASH 28SOIC	PIC24HJ128GP506A-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	PIC24HJ128GP506A-E/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	PIC24HJ16GP304-I/PT Microchip Technology IC MCU 16BIT 16KB FLASH 44TQFP	PIC24HJ128GP510A-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	PIC24HJ12GP202T-I/SS Microchip Technology IC MCU 16BIT 12KB FLASH 28SSOP
					
PIC24HJ128GP510A-I/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	PIC24HJ128GP506-I/PT Microchip Technology IC MCU 16BIT 128KB FLASH 64TQFP	PIC24HJ128GP510A-H/PF Microchip Technology IC MCU 16BIT 128KB FLASH 100TQFP	PIC24HJ12GP201-E/SO Microchip Technology IC MCU 16BIT 12KB FLASH 18SOIC	PIC24HJ12GP202-I/ML Microchip Technology IC MCU 16BIT 12KB FLASH 28QFN	PIC24HJ256GP206A-I/PT Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP

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.



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Contact us if you have any questions.

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