



PIC24HJ128GP502-I/SO

Manufacturer Part Number **PIC24HJ128GP502-I/SO**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC24HJ128GP502-I/SO**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 16BIT 128KB FLASH 28SOIC**

Package **28-SOIC (0.295", 7.50mm Width)**

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

16-bit Embedded Control Solutions.pdf

DSPIC33F, PIC24H Flash Programming Specification.pdf

PIC24HJ(32,64,128)GPzzz Datasheet.pdf

RoHS Status **ROHS3 Compliant**



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Specifications

PIC24HJ128GP502-I/SO Tech Specifications

PIC24HJ128GP502-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	28-SOIC	Number of I/O	21
Speed	40 MIPS	Mounting Type	Surface Mount
Series	PIC® 24H	EEPROM Size	-
RAM Size	8K x 8	Data Converters	A/D 10x10b/12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	128KB (43K x 24)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, PMP, SPI, UART/USART
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC24HJ128
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC24HJ128GP502-I/SO

Product Attribute				
Part Number	PIC24HJ128GP502-I/SO	PIC24HJ128GP510A-H/PF	PIC24HJ128GP210-I/PF	PIC24HJ128GP510-I/PF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC24HJ128	PIC24HJ128	PIC24HJ128	PIC24HJ128
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Package	Tube	Tray	Tray	Tray
RAM Size	8K x 8	8K x 8	8K x 8	8K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Supplier Device Package	28-SOIC	100-TQFP (14x14)	100-TQFP (14x14)	100-TQFP (14x14)
Core Processor	PIC	PIC	PIC	PIC
Package / Case	28-SOIC (0.295", 7.50mm Width)	100-TQFP	100-TQFP	100-TQFP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)	128KB (43K x 24)
Data Converters	A/D 10x10b/12b	A/D 32x10b/12b	A/D 32x10b/12b	A/D 32x10b/12b
Speed	40 MIPS	20 MIPS	40 MIPS	40 MIPS
Series	PIC® 24H	Automotive, AEC-Q100, PIC® 24H	PIC® 24H	PIC® 24H
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 150°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	21	85	85	85
Connectivity	CANbus, I ² C, IrDA, LINbus, PMP, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT

PIC24HJ128GP502-I/SO Datasheet PDF

Download PIC24HJ128GP502-I/SO pdf datasheets and Microchip Technology documentation for PIC24HJ128GP502-I/SO - Microchip Technology.

Datasheets



16-bit Embedded Control Solutions.pdf



DSPIC33F, PIC24H Flash Programming Specification.pdf



PIC24HJ(32,64,128)GPzzz Datasheet.pdf

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

HTML Datasheet



16-bit Embedded Control Solutions.pdf

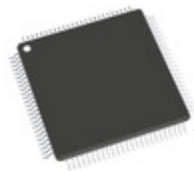
PCN Assembly/Origin



Bond Wire 16/Aug/2018.pdf

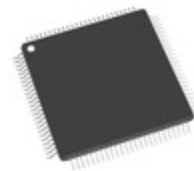
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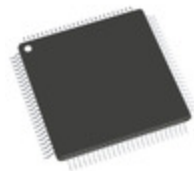
PIC24HJ128GP510A-H/PF

Microchip Technology
IC MCU 16BIT 128KB FLASH
100TQFP



PIC24HJ128GP210-I/PF

Microchip Technology
IC MCU 16BIT 128KB FLASH
100TQFP



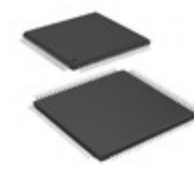
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100TQFP



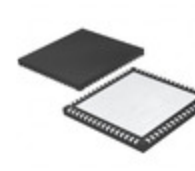
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IC MCU 16BIT 128KB FLASH 64TQFP



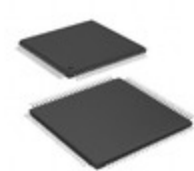
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100TQFP



PIC24HJ128GP506A-I/MR

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IC MCU 16BIT 128KB FLASH 64VQFN



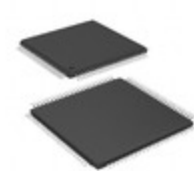
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100TQFP



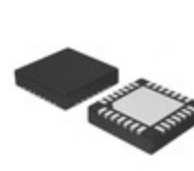
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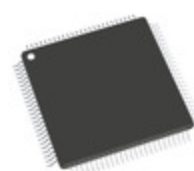
PIC24HJ128GP310-I/PT

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IC MCU 16BIT 128KB FLASH
100TQFP



PIC24HJ128GP502-I/MM

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IC MCU 16BIT 128KB FLASH 28QFN



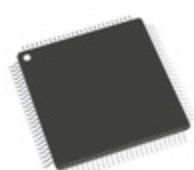
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100TQFP



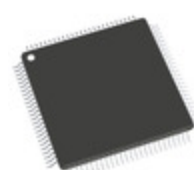
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PIC24HJ128GP210A-I/PF

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100TQFP



PIC24HJ128GP510A-I/PF

Microchip Technology
IC MCU 16BIT 128KB FLASH
100TQFP



PIC24HJ128GP206A-I/PT

Microchip Technology
IC MCU 16BIT 128KB FLASH 64TQFP



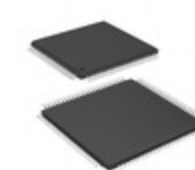
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PIC24HJ128GP506A-E/PT

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IC MCU 16BIT 128KB FLASH 64TQFP



PIC24HJ128GP310A-I/PT

Microchip Technology
IC MCU 16BIT 128KB FLASH
100TQFP

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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