



Image may be representation.
See specifications for product details.



PIC18F24J10-I/SS

| | |
|--------------------------|--------------------------------|
| Manufacturer Part Number | PIC18F24J10-I/SS |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-PIC18F24J10-I/SS |
| ECAD Model | PCB Footprint and Symbol |
| Parts Description | IC MCU 8BIT 16KB FLASH 28SSOP |
| Package | 28-SSOP (0.209", 5.30mm Width) |
| Data sheet | PIC18FxxJ10.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

PIC18F24J10-I/SS - Microchip Technology.New Original in Stock. Download Linear Technology PIC18F24J10-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F24J10-I/SS, please send us email: info@allelco.com

Specifications

PIC18F24J10-I/SS Tech Specifications
PIC18F24J10-I/SS - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|---------------------------------------|-----------------------|----------------------|
| Manufacturer | Microchip Technology | Oscillator Type | Internal |
| Voltage - Supply (Vcc/Vdd) | 2.7V ~ 3.6V | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package | 28-SSOP | Number of I/O | 21 |
| Speed | 40MHz | Mounting Type | Surface Mount |
| Series | PIC® 18J | EEPROM Size | - |
| RAM Size | 1K x 8 | Data Converters | A/D 10x10b |
| Program Memory Type | FLASH | Core Size | 8-Bit |
| Program Memory Size | 16KB (8K x 16) | Core Processor | PIC |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT | Connectivity | I²C, SPI, UART/USART |
| Package / Case | 28-SSOP (0.209", 5.30mm Width) | Base Product Number | PIC18F24J10 |
| Package | Tube | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F24J10-I/SS

| Product Attribute | | | | |
|----------------------------|---------------------------------------|---|--|---|
| Part Number | PIC18F24J10-I/SS | PIC18F2455-I/SP | PIC18F248-I/SO | PIC18F2480-I/SO |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| Connectivity | I²C, SPI, UART/USART | I²C, SPI, UART/USART, USB | CANbus, I²C, SPI, UART/USART | CANbus, I²C, SPI, UART/USART |
| Speed | 40MHz | 48MHz | 40MHz | 40MHz |
| Base Product Number | PIC18F24J10 | PIC18F2455 | PIC18F248 | PIC18F2480 |
| Core Processor | PIC | PIC | PIC | PIC |
| Oscillator Type | Internal | Internal | External | Internal |
| Mounting Type | Surface Mount | Through Hole | Surface Mount | Surface Mount |
| Package | Tube | Tube | Tube | Tube |
| RAM Size | 1K x 8 | 2K x 8 | 768 x 8 | 768 x 8 |
| EEPROM Size | - | 256 x 8 | 256 x 8 | 256 x 8 |
| Supplier Device Package | 28-SSOP | 28-SPDIP | 28-SOIC | 28-SOIC |
| Program Memory Type | FLASH | FLASH | FLASH | FLASH |
| Number of I/O | 21 | 24 | 22 | 25 |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Package / Case | 28-SSOP (0.209", 5.30mm Width) | 28-DIP (0.300", 7.62mm) | 28-SOIC (0.295", 7.50mm Width) | 28-SOIC (0.295", 7.50mm Width) |
| Core Size | 8-Bit | 8-Bit | 8-Bit | 8-Bit |
| Data Converters | A/D 10x10b | A/D 10x10b | A/D 5x10b | A/D 8x10b |
| Program Memory Size | 16KB (8K x 16) | 24KB (12K x 16) | 16KB (8K x 16) | 16KB (8K x 16) |
| Voltage - Supply (Vcc/Vdd) | 2.7V ~ 3.6V | 4.2V ~ 5.5V | 4.2V ~ 5.5V | 4.2V ~ 5.5V |
| Series | PIC® 18J | PIC® 18F | PIC® 18F | PIC® 18F |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT | Brown-out Detect/Reset, HLVD, POR, PWM, WDT | Brown-out Detect/Reset, LVD, POR, PWM, WDT | Brown-out Detect/Reset, HLVD, POR, PWM, WDT |

PIC18F24J10-I/SS Datasheet PDF

Download PIC18F24J10-I/SS pdf datasheets and Microchip Technology documentation for PIC18F24J10-I/SS - Microchip Technology.

Datasheets

[PIC18FxxJ10.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

PCN Design/Specification



Cancellation Notice 15/Jun/2016.pdf

PCN Assembly/Origin



Mult Devices 23/Oct/2017.pdf

Customers Also Interested in

Recommended Products

| | | | | | |
|--|--|--|---|--|---|
| | | | | | |
| PIC18F2455-I/SP Microchip Technology IC MCU 8BIT 24KB FLASH 28SPDIP | PIC18F248-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC | PIC18F2480-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC | PIC18F248-I/SP Microchip Technology IC MCU 8BIT 16KB FLASH 28SPDIP | PIC18F24K20-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC | PIC18F24J10T-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC |
| | | | | | |
| PIC18F24J50-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP | PIC18F24K20-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP | PIC18F24K20-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN | PIC18F24K20-I/SP Microchip Technology IC MCU 8BIT 16KB FLASH 28SPDIP | PIC18F24J11-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP | PIC18F2455-I/SO Microchip Technology IC MCU 8BIT 24KB FLASH 28SOIC |
| | | | | | |
| PIC18F2450-I/SP Microchip Technology IC MCU 8BIT 16KB FLASH 28SPDIP | PIC18F24J50-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC | PIC18F2480-I/SP Microchip Technology IC MCU 8BIT 16KB FLASH 28SPDIP | PIC18F24K20-E/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN | PIC18F248-E/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC | PIC18F24K20-E/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP |

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 |
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Contact us if you have any questions.

| | |
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Certifications & Memberships



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