



Image may be representation.
See specifications for product details.



PIC18F24K22-I/SS

Manufacturer Part Number	PIC18F24K22-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F24K22-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 16KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	Next Generation Peripherals Brochure.pdf PIC18(L)F2x/4xK22 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F24K22-I/SS - Microchip Technology, New Original in Stock. Download Linear Technology PIC18F24K22-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F24K22-I/SS, please send us email: info@allelco.com

Specifications

PIC18F24K22-I/SS Tech Specifications

PIC18F24K22-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)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	24
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	256 x 8
RAM Size	768 x 8	Data Converters	A/D 19x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (8K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC18F24
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F24K22-I/SS

Product Attribute				
Part Number	PIC18F24K22-I/SS	PIC18F24Q10-I/SS	PIC18F24K22-I/SO	PIC18F24K20T-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 19x10b	A/D 24x10b; D/A 1x5b	A/D 19x10b	A/D 11x10b
RAM Size	768 x 8	1K x 8	768 x 8	768 x 8
Core Processor	PIC	PIC	PIC	PIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	1.8V ~ 5.5V	2.3V ~ 5.5V	1.8V ~ 3.6V
Program Memory Size	16KB (8K x 16)	16KB (16K x 8)	16KB (8K x 16)	16KB (8K x 16)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	28-SSOP	28-SSOP	28-SOIC	28-SOIC
Number of I/O	24	25	24	24
Speed	64MHz	64MHz	64MHz	64MHz
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC18F24	PIC18F24	PIC18F24	PIC18F24
Series	PIC® XLP™ 18K	PIC® XLP™ 18Q, Functional Safety (FuSa)	PIC® XLP™ 18K	PIC® XLP™ 18K
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

PIC18F24K22-I/SS Datasheet PDF

Download PIC18F24K22-I/SS pdf datasheets and Microchip Technology documentation for PIC18F24K22-I/SS - Microchip Technology.

Datasheets

[PIC18\(L\)F2x/4xK22 Datasheet.pdf](#)

PCN Packaging

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

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

HTML Datasheet


 Next Generation Peripherals Brochure.pdf

PCN Assembly/Origin

 2.73KHz.pdf




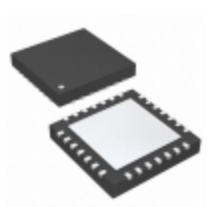

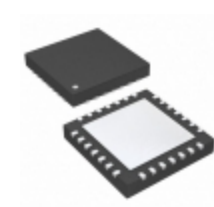


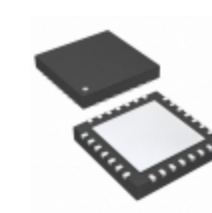


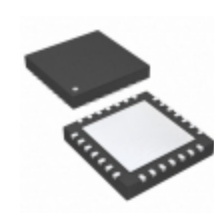
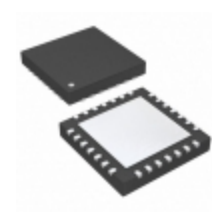


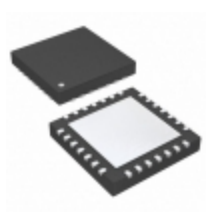


PCN Design/Specification

 PIC18(L)F2X/4XK22 31/Mar/2021.pdf

 PIC18(L)F2X/4XK22 30/Aug/2016.pdf

Customers Also Interested in

Recommended Products

					
PIC18F24Q10-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	PIC18F24K22-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	PIC18F24K20T-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	PIC18F24K22-E/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	PIC18F24K20-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	PIC18F24K20T-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN
					
PIC18F24Q10-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	PIC18F2510T-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F24K22T-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	PIC18F24Q10T-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	PIC18F24K20T-E/SS Micrel / Microchip Technology	PIC18F24K22-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN
					
PIC18F24K50-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	PIC18F24K20ES-I/SS Micrel / Microchip Technology	PIC18F24K20T-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	PIC18F24K50T-I/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	PIC18F2510-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F24Q10-E/ML Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN

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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