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See specifications for product details.



PIC18F24K22T-I/ML

Manufacturer Part Number	PIC18F24K22T-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F24K22T-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 28QFN
Package	28-VQFN Exposed Pad
Data sheet	Next Generation Peripherals Brochure.pdf PIC18(L)F2x/4xK22 Datasheet.pdf
RoHs Status	ROHS3 Compliant

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PIC18F24K22T-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F24K22T-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F24K22T-I/ML, please send us email: info@allelco.com

Specifications

PIC18F24K22T-I/ML Tech Specifications
PIC18F24K22T-I/ML - 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-QFN (6x6)	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	I ² C, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC18F24
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F24K22T-I/ML

Product Attribute				
Part Number	PIC18F24K22T-I/ML	PIC18F24K22-E/ML	PIC18F24Q10-E/ML	PIC18F24K22-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 19x10b	A/D 19x10b	A/D 24x10b SAR; D/A 1x5b	A/D 19x10b
Program Memory Size	16KB (8K x 16)	16KB (8K x 16)	16KB (16K x 8)	16KB (8K x 16)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	28-QFN (6x6)	28-QFN (6x6)	28-QFN (6x6)	28-QFN (6x6)
Package / Case	28-VQFN Exposed Pad	28-VQFN Exposed Pad	28-VQFN Exposed Pad	28-VQFN Exposed Pad
Package	Tape & Reel (TR)	Tube	Tube	Tube
Number of I/O	24	24	25	24
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18F	PIC® XLP™ 18K
Oscillator Type	Internal	Internal	External, Internal	Internal
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	1.8V ~ 5.5V	2.3V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	PIC18F24	PIC18F24	PIC18F24	PIC18F24
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, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Speed	64MHz	48MHz	64MHz	64MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	PIC	PIC	PIC	PIC
RAM Size	768 x 8	768 x 8	1K x 8	768 x 8

PIC18F24K22T-I/ML Datasheet PDF

Download PIC18F24K22T-I/ML pdf datasheets and Microchip Technology documentation for PIC18F24K22T-I/ML - Microchip Technology.

Datasheets

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

PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)


PCN Assembly/Origin


 2.73KHz.pdf

HTML Datasheet

 Next Generation Peripherals Brochure.pdf


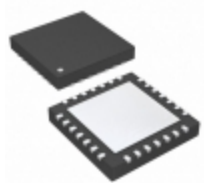

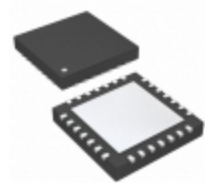
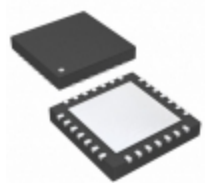


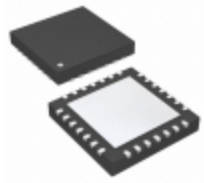


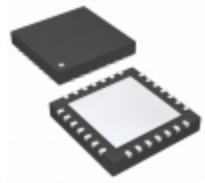







PCN Design/Specification

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

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

Customers Also Interested in

Recommended Products

					
PIC18F24K20ES-I/SS	PIC18F24K22-E/ML	PIC18F24Q10-E/ML	PIC18F24K22-I/ML	PIC18F24K20T-I/ML	PIC18F24K20T-I/SS
Micrel / Microchip Technology	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP
					
PIC18F252-I/SO	PIC18F24K50-I/ML	PIC18F24Q10T-I/SS	PIC18F24Q10-I/SO	PIC18F24K50T-I/ML	PIC18F2510-I/SO
Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 16KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC
					
PIC18F24K22-I/SO	PIC18F24K20T-E/SS	PIC18F2510T-I/SO	PIC18F24Q10-I/SS	PIC18F24K22-I/SS	PIC18F24K20T-I/SO
Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	Micrel / Microchip Technology	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 16KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC

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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-  Fast Sourcing & Delivery

Contact us if you have any questions.

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