

Image may be representation.  
See specifications for product details.



## PIC18LF25K22T-I/ML

Manufacturer Part Number	<b>PIC18LF25K22T-I/ML</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC18LF25K22T-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 32KB FLASH 28QFN
Package	28-VQFN Exposed Pad
Data sheet	<b>PIC18(L)F2x/4xK22 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC18LF25K22T-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC18LF25K22T-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC18LF25K22T-I/ML, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC18LF25K22T-I/ML Tech Specifications  
PIC18LF25K22T-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)	1.8V ~ 3.6V	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	1.5K x 8	Data Converters	A/D 19x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC18LF25
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18LF25K22T-I/ML

Product Attribute				
Part Number	PIC18LF25K22T-I/ML	<a href="#">PIC18LF25K22-I/SO</a>	<a href="#">PIC18LF2680-I/SO</a>	<a href="#">PIC18LF25J10-I/SS</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC18LF25	PIC18LF25	PIC18LF2680	PIC18LF25
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	1.5K x 8	1.5K x 8	3.25K x 8	1K x 8
EEPROM Size	256 x 8	256 x 8	1K x 8	-
Speed	64MHz	64MHz	40MHz	40MHz
Number of I/O	24	24	25	21
Package	Tape & Reel (TR)	Tube	Tube	Tube
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	64KB (32K x 16)	32KB (16K x 16)
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	2V ~ 5.5V	2V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18F	PIC® 18J
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Data Converters	A/D 19x10b	A/D 19x10b	A/D 8x10b	A/D 10x10b
Package / Case	28-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)
Connectivity	I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART	CANbus, I <sup>2</sup> C, SPI, UART/USART	I <sup>2</sup> C, SPI, UART/USART
Supplier Device Package	28-QFN (6x6)	28-SOIC	28-SOIC	28-SSOP
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

### PIC18LF25K22T-I/ML Datasheet PDF

Download PIC18LF25K22T-I/ML pdf datasheets and Microchip Technology documentation for PIC18LF25K22T-I/ML - 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](#)

## PCN Assembly/Origin




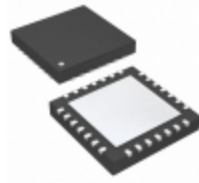



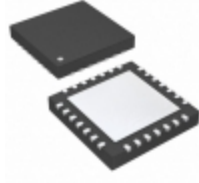





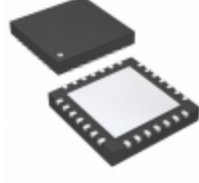




 Bond Wire 27/Apr/2017.pdf

## PCN Design/Specification

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

## Customers Also Interested in

### Recommended Products

					
<b>PIC18LF25K22-I/SO</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	<b>PIC18LF2680-I/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	<b>PIC18LF25J10-I/SS</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	<b>PIC18LF26K22-I/ML</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18LF26K22-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18LF2580-I/SO</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC
					
<b>PIC18LF2525-I/SP</b> Microchip Technology IC MCU 8BIT 48KB FLASH 28SPDIP	<b>PIC18LF26K22-E/ML</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18LF2620-I/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	<b>PIC18LF2525-I/SO</b> Microchip Technology IC MCU 8BIT 48KB FLASH 28SOIC	<b>PIC18LF2550T-I/SO</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	<b>PIC18LF2523-I/SO</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC
					
<b>PIC18LF25K22-E/SS</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	<b>PIC18LF26K22T-I/ML</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18LF2520-I/SP</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SPDIP	<b>PIC18LF2685-I/SP</b> Microchip Technology IC MCU 8BIT 96KB FLASH 28SPDIP	<b>PIC18LF25K80-I/SS</b> Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	<b>PIC18LF2620-I/SP</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SPDIP

## 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

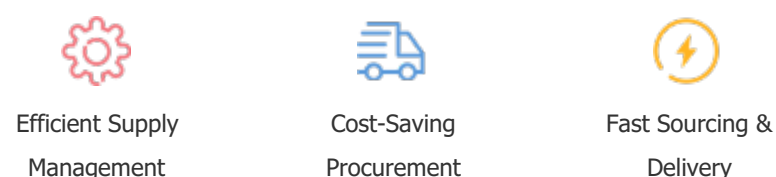
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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