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See specifications for product details.



## PIC18F26K42-I/ML

Manufacturer Part Number	<b>PIC18F26K42-I/ML</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC18F26K42-I/ML
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 64KB FLASH 28QFN
Package	28-VQFN Exposed Pad
Data sheet	<b>PIC18(L)F26 to 57K42 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC18F26K42-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F26K42-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F26K42-I/ML, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18F26K42-I/ML Tech Specifications  
PIC18F26K42-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	25
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 24x12b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC18F26
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F26K42-I/ML

Product Attribute				
Part Number	PIC18F26K42-I/ML	<a href="#">PIC18F26K42-I/SS</a>	<a href="#">PIC18F26K40-I/SO</a>	<a href="#">PIC18F26K40T-I/SS</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	25	25	25	25
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package / Case	28-VQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)
Supplier Device Package	28-QFN (6x6)	28-SSOP	28-SOIC	28-SSOP
Data Converters	A/D 24x12b; D/A 1x5b	A/D 24x12b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Core Processor	PIC	PIC	PIC	PIC
Package	Tube	Tube	Tube	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART	I <sup>2</sup> C, LINbus, SPI, UART/USART
RAM Size	4K x 8	4K x 8	3.6K x 8	3.6K x 8
Speed	64MHz	64MHz	64MHz	64MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	PIC18F26	PIC18F26	PIC18F26	PIC18F26
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Program Memory Type	FLASH	FLASH	FLASH	FLASH

## PIC18F26K42-I/ML Datasheet PDF

Download PIC18F26K42-I/ML pdf datasheets and Microchip Technology documentation for PIC18F26K42-I/ML - Microchip Technology.

### PCN Packaging

[MBB/Label Chgs 16/Nov/2018.pdf](#)


### PCN Assembly/Origin


[Mult Devices 24/May/2018.pdf](#)

## HTML Datasheet

 PIC18(L)F26 to 57K42 Datasheet.pdf




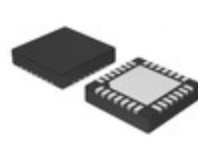


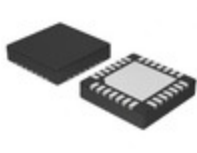





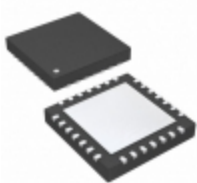

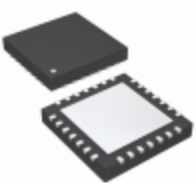



## PCN Design/Specification

 PIC18(L)F26/27/45/46/47/55/56/57K42 11/Nov/2020.pdf

 PIC18(L)F26/27/45/46/47/55/56/57K42 09/May/2019.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC18F26K42-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K40-I/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K40T-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K80-I/MM</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18F26K22-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K22T-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP
					
<b>PIC18F26K80-E/MM</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18F26K80-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K40-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K42-E/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	<b>PIC18F26K80-I/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	<b>PIC18F26K80-E/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP
					
<b>PIC18F26K22T-I/ML</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18F26K22-I/SP</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SPDIP	<b>PIC18F26K42T-I/ML</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	<b>PIC18F26K42T-I/SS</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	<b>PIC18F26K22-I/SO</b> Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	<b>PIC18F26K42-I/SO</b> Microchip Technology IC MCU 8BIT 64KB 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.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
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### Certifications & Memberships



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