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See specifications for product details.



PIC18LF46K42-I/ML

Manufacturer Part Number	PIC18LF46K42-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18LF46K42-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 44QFN
Package	44-VQFN Exposed Pad
Data sheet	PIC18(L)F26 to 57K42 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18LF46K42-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC18LF46K42-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC18LF46K42-I/ML, please send us email: info@allelco.com

Specifications

PIC18LF46K42-I/ML Tech Specifications
PIC18LF46K42-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	44-QFN (8x8)	Number of I/O	36
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 35x12b; 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 ² C, LINbus, SPI, UART/USART
Package / Case	44-VQFN Exposed Pad	Base Product Number	PIC18LF46
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18LF46K42-I/ML

Product Attribute				
Part Number	PIC18LF46K42-I/ML	PIC18LF46K42-E/PT	PIC18LF46K22-I/MV	PIC18LF46K40T-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package	Tube	Tray	Tube	Tape & Reel (TR)
Supplier Device Package	44-QFN (8x8)	44-TQFP (10x10)	40-UQFN (5x5)	44-TQFP (10x10)
Core Processor	PIC	PIC	PIC	PIC
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART
Speed	64MHz	64MHz	64MHz	64MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 35x12b; D/A 1x5b	A/D 35x12b; D/A 1x5b	A/D 30x10b	A/D 35x10b; D/A 1x5b
Number of I/O	36	36	35	36
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
RAM Size	4K x 8	4K x 8	3.8K x 8	3.6K x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	PIC18LF46	PIC18LF46	PIC18LF46	PIC18LF46
Package / Case	44-VQFN Exposed Pad	44-TQFP	40-UQFN Exposed Pad	44-TQFP

PIC18LF46K42-I/ML Datasheet PDF


Download PIC18LF46K42-I/ML pdf datasheets and Microchip Technology documentation for PIC18LF46K42-I/ML - Microchip Technology.


PCN Assembly/Origin

Mult Devices 24/May/2018.pdf

HTML Datasheet






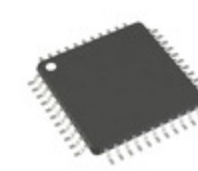




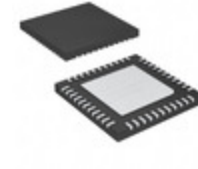



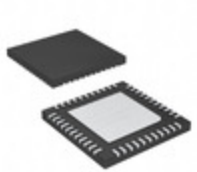

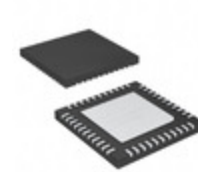
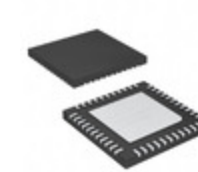
PIC18(L)F26 to 57K42 Datasheet.pdf

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Customers Also Interested in

Recommended Products

					
PIC18LF46K42-E/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18LF46K22-I/MV Microchip Technology IC MCU 8BIT 64KB FLASH 40UQFN	PIC18LF46K40T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18LF55K42-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 48TQFP	PIC18LF47J13-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 44TQFP	PIC18LF47K42-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 44TQFP
					
PIC18LF47K40-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 44TQFP	PIC18LF6390-I/PT Microchip Technology IC MCU 8BIT 8KB FLASH 64TQFP	PIC18LF46K22-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18LF47K42T-I/PT Microchip Technology IC MCU 8BIT 128KB FLASH 44TQFP	PIC18LF46K40-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18LF46K40-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP
					
PIC18LF46K80-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18LF56K42T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 48TQFP	PIC18LF46K22-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18LF46K22-I/P Microchip Technology IC MCU 8BIT 64KB FLASH 40DIP	PIC18LF46K42-E/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18LF47J53-I/ML Microchip Technology IC MCU 8BIT 128KB FLASH 44QFN

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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