

Image may be representation.  
See specifications for product details.



## PIC18LF14K50-I/MQ

Manufacturer Part Number	<a href="#">PIC18LF14K50-I/MQ</a>
Manufacturer	<a href="#">Microchip Technology</a>
Allelco Part Number	32D-PIC18LF14K50-I/MQ
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC MCU 8BIT 16KB FLASH 20VQFN
Package	20-VQFN Exposed Pad
Data sheet	<a href="#">PIC(L)F1xK50 Programming Specification.pdf</a> <a href="#">PIC18(L)F1xK50 Datasheet.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

PIC18LF14K50-I/MQ - Microchip Technology. New Original in Stock. Download Linear Technology PIC18LF14K50-I/MQ datasheet/specifications on AllelcoElec.com. Request a quote for PIC18LF14K50-I/MQ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

PIC18LF14K50-I/MQ Tech Specifications  
PIC18LF14K50-I/MQ - 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	20-VQFN (5x5)	Number of I/O	14
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	256 x 8
RAM Size	768 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (8K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB
Package / Case	20-VQFN Exposed Pad	Base Product Number	PIC18LF14
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18LF14K50-I/MQ

Product Attribute				
Part Number	PIC18LF14K50-I/MQ	<a href="#">PIC18LF14K22-I/SO</a>	<a href="#">PIC18LF13K22-I/SS</a>	<a href="#">PIC18LF2221-I/SS</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Processor	PIC	PIC	PIC	PIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	14	17	17	25
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	20-VQFN Exposed Pad	20-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)
Connectivity	I²C, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART
RAM Size	768 x 8	512 x 8	256 x 8	512 x 8
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® 18F
Supplier Device Package	20-VQFN (5x5)	20-SOIC	20-SSOP	28-SSOP
Data Converters	A/D 11x10b	A/D 12x10b	A/D 12x10b	A/D 10x10b
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	16KB (8K x 16)	16KB (8K x 16)	8KB (4K x 16)	4KB (2K x 16)
Base Product Number	PIC18LF14	PIC18LF14	PIC18LF13	PIC18LF2221
Speed	48MHz	64MHz	64MHz	40MHz
Oscillator Type	Internal	Internal	Internal	Internal
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	2V ~ 5.5V
Package	Tube	Tube	Tube	Tube
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT

### PIC18LF14K50-I/MQ Datasheet PDF

Download PIC18LF14K50-I/MQ pdf datasheets and Microchip Technology documentation for PIC18LF14K50-I/MQ - Microchip Technology.

#### Datasheets

[PIC\(L\)F1xK50 Programming Specification.pdf](#)

[PIC18\(L\)F1xK50 Datasheet.pdf](#)








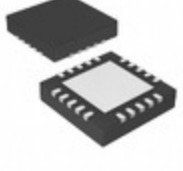


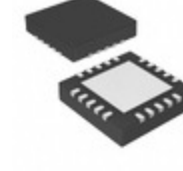

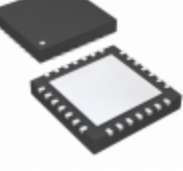

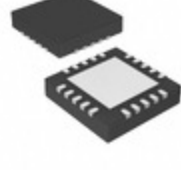



#### PCN Packaging

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

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

## Customers Also Interested in

### Recommended Products

					
<b>PIC18LF14K22-I/SO</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC	<b>PIC18LF13K22-I/SS</b> Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	<b>PIC18LF2221-I/SS</b> Microchip Technology IC MCU 8BIT 4KB FLASH 28SSOP	<b>PIC18LF2321-I/SO</b> Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC	<b>PIC18LF2221-I/SO</b> Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	<b>PIC18LF14K22T-I/SO</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC
					
<b>PIC18LF13K50-I/SS</b> Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	<b>PIC18LF13K22T-I/ML</b> Microchip Technology IC MCU 8BIT 8KB FLASH 20QFN	<b>PIC18LF14K50-I/P</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20DIP	<b>PIC18LF14K50-I/SS</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	<b>PIC18LF14K22-I/ML</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20QFN	<b>PIC18LF2320-I/SO</b> Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC
					
<b>PIC18LF2321-I/ML</b> Microchip Technology IC MCU 8BIT 8KB FLASH 28QFN	<b>PIC18LF2220-I/SO</b> Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	<b>PIC18LF14K22T-I/ML</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20QFN	<b>PIC18LF14K50T-I/SS</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	<b>PIC18LF14K22T-I/SS</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	<b>PIC18LF14K22-E/SO</b> Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC

## 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  
+00852 9146 4856
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info@allelco.com

### Certifications & Memberships



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