



Image may be representation.  
See specifications for product details.



## PIC16LF1454-I/JQ

Manufacturer Part Number	PIC16LF1454-I/JQ
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF1454-I/JQ
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 16UQFN
Package	16-UQFN Exposed Pad
Data sheet	<a href="#">PIC16(L)F145(4,5,9) Brief.pdf</a> <a href="#">PIC16(L)F1454,5,9 Datasheet.pdf</a> <a href="#">PIC16(L)F1454,5,9 Datasheet.pdf</a>
RoHs Status	 ROHS3 Compliant

Get a Quote

PIC16LF1454-I/JQ - Microchip Technology.New Original in Stock. Download Linear Technology PIC16LF1454-I/JQ datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16LF1454-I/JQ, please send us email: [info@allelco.com](mailto:info@allelco.com)

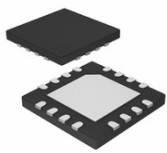
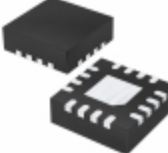


## Specifications

PIC16LF1454-I/JQ Tech Specifications  
PIC16LF1454-I/JQ - 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	16-UQFN (4x4)	Number of I/O	8
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	-
RAM Size	1K x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART, USB
Package / Case	16-UQFN Exposed Pad	Base Product Number	PIC16LF1454
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1454-I/JQ

Product Attribute				
Part Number	PIC16LF1454-I/JQ	PIC16LF1454-I/ML	PIC16LF1455-I/SL	PIC16LF1454-I/SL
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	16-UQFN Exposed Pad	16-VQFN Exposed Pad	14-SOIC (0.154', 3.90mm Width)	14-SOIC (0.154', 3.90mm Width)
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Data Converters	-	-	A/D 5x10b; D/A 1x5b	-
Core Processor	PIC	PIC	PIC	PIC
Connectivity	I²C, LINbus, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART, USB
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Number of I/O	8	8	8	8
Package	Tube	Tube	Tube	Tube
Base Product Number	PIC16LF1454	PIC16LF1454	PIC16LF1455	PIC16LF1454
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	-
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)
Supplier Device Package	16-UQFN (4x4)	16-QFN (4x4)	14-SOIC	14-SOIC
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, POR, PWM, WDT
Speed	48MHz	48MHz	48MHz	48MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH

## PIC16LF1454-I/JQ Datasheet PDF

Download PIC16LF1454-I/JQ pdf datasheets and Microchip Technology documentation for PIC16LF1454-I/JQ - Microchip Technology.

### Datasheets




PIC16(L)F145(4,5,9) Brief.pdf




PIC16(L)F1454,5,9 Datasheet.pdf

### PCN Packaging


HTML Datasheet

PIC16(L)F1454,5,9 Datasheet.pdf

PCN Design/Specification

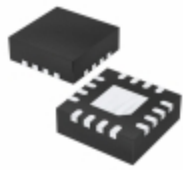
PIC16(L)F1454/5/9 02/Oct/2020.pdf

PCN Assembly/Origin


Lead Frame 25/Nov/2021.pdf

Customers Also Interested in


Recommended Products




**PIC16LF1454-I/ML**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 16QFN




**PIC16LF1455-I/SL**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 14SOIC




**PIC16LF1454-I/SL**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 14SOIC




**PIC16LF1454-E/ST**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 14TSSOP




**PIC16LCR84**  
MIC



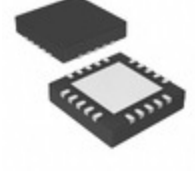
**PIC16LF1455-I/ST**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 14TSSOP




**PIC16LC926-I/PT**  
Microchip Technology  
IC MCU 8BIT 14KB OTP 64TQFP




**PIC16LCE625-04/P**  
Microchip Technology  
IC MCU 8BIT 3.5KB OTP 18DIP



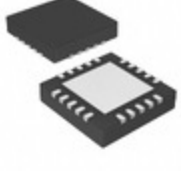
**PIC16LF1459-I/ML**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 20QFN




**PIC16LCE625-04I/SO**  
Microchip Technology  
IC MCU 8BIT 3.5KB OTP 18SOIC




**PIC16LC924-04/PT**  
Microchip Technology  
IC MCU 8BIT 7KB OTP 64TQFP




**PIC16LF1459T-I/ML**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 20QFN




**PIC16LC924-04/L**  
Microchip Technology  
IC MCU 8BIT 7KB OTP 68PLCC




**PIC16LCE623-04I/P**  
Microchip Technology  
IC MCU 8BIT 896B OTP 18DIP



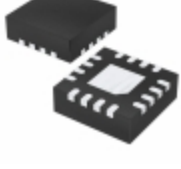
**PIC16LF1459-I/SO**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 20SOIC



**PIC16LCE624-04I/P**  
Microchip Technology  
IC MCU 8BIT 1.75KB OTP 18DIP



**PIC16LF1454-I/ST**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 14TSSOP



**PIC16LF1454T-I/ML**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 16QFN

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			DHL & FedEx Shipment Charges Reference	
Region	Country	Logistic Time(Day)	Shipment charges(KG)	Reference DHL(USD\$)
America	United States	5	0.00kg-1.00kg	USD\$60.00
	Brazil	7	1.00kg-2.00kg	USD\$70.00
Europe	Germany	5	2.00kg-3.00kg	USD\$80.00
	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
	New Zealand	7		
Asia	India	6		
	Japan	7		
Middle East	Israel	6		


**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

Email  
info@allelco.com

### Certifications & Memberships





View More

Contact us

**Address:** Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

**Phone:** +00852 9146 4856

**Fax:** +00852 3010 8510

**Email:** info@Allelco.com

