



Image may be representation.  
See specifications for product details.



## PIC18LF4320-I/PT

Manufacturer Part Number **PIC18LF4320-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18LF4320-I/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 8KB FLASH 44TQFP**

Package **44-TQFP**

Data sheet **[PIC18F2x20, 4x20 Data Sheet.pdf](#)**

**[PIC18Fx220, x320 Programming Specification.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC18LF4320-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18LF4320-I/PT datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC18LF4320-I/PT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18LF4320-I/PT Tech Specifications

PIC18LF4320-I/PT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	36
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	256 x 8
RAM Size	512 x 8	Data Converters	A/D 13x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC18LF4320
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18LF4320-I/PT

Product Attribute				
Part Number	PIC18LF4320-I/PT	<a href="#">PIC18LF26K40T-I/ML</a>	<a href="#">PIC18LF26K40-I/SS</a>	<a href="#">PIC18LF27K40T-I/ML</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® 18F	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	256 x 8	1K x 8	1K x 8	1K x 8
Number of I/O	36	25	25	25
Base Product Number	PIC18LF4320	PIC18LF26	PIC18LF26	PIC18LF27
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package	Tray	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 13x10b	A/D 24x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b
Supplier Device Package	44-TQFP (10x10)	28-QFN (6x6)	28-SSOP	28-QFN (6x6)
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Speed	40MHz	64MHz	64MHz	64MHz
Program Memory Size	8KB (4K x 16)	64KB (32K x 16)	64KB (32K x 16)	128KB (64K x 16)
RAM Size	512 x 8	3.6K x 8	3.6K x 8	3.6K x 8
Package / Case	44-TQFP	28-VQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)	28-VQFN Exposed Pad

## PIC18LF4320-I/PT Datasheet PDF

Download PIC18LF4320-I/PT pdf datasheets and Microchip Technology documentation for PIC18LF4320-I/PT - Microchip Technology.

### Datasheets



[PIC18F2x20, 4x20 Data Sheet.pdf](#)



[PIC18Fx220, x320 Programming Specification.pdf](#)

### PCN Packaging



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



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

## PCN Design/Specification



TQFP-44L Palladium Coated Copper Wire  
17/Dec/2013.pdf

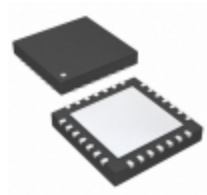
## PCN Assembly/Origin



Qualification Lead-Frame 03/Jun/2014.pdf

## Customers Also Interested in

### Recommended Products



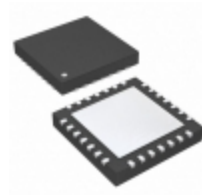
#### PIC18LF26K40T-I/ML

Microchip Technology  
IC MCU 8BIT 64KB FLASH 28QFN



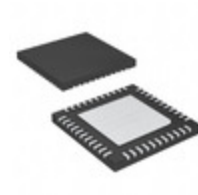
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Microchip Technology  
IC MCU 8BIT 64KB FLASH 28SSOP



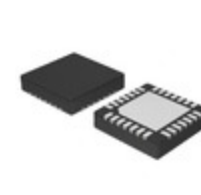
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Microchip Technology  
IC MCU 8BIT 128KB FLASH 28QFN



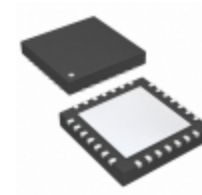
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Microchip Technology  
IC MCU 8BIT 8KB FLASH 44QFN



#### PIC18LF26K80T-I/MM

Microchip Technology  
IC MCU 8BIT 64KB FLASH 28QFN



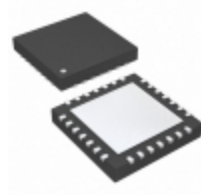
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IC MCU 8BIT 128KB FLASH 28QFN



#### PIC18LF4450-I/P

Microchip Technology  
IC MCU 8BIT 16KB FLASH 40DIP



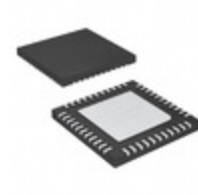
#### PIC18LF26K83-I/ML

Microchip Technology  
IC MCU 8BIT 64KB FLASH 28QFN



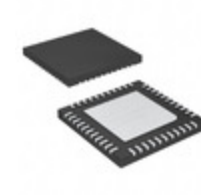
#### PIC18LF44K22-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 44TQFP



#### PIC18LF4458-I/ML

Microchip Technology  
IC MCU 8BIT 24KB FLASH 44QFN



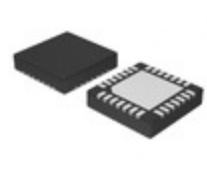
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IC MCU 8BIT 8KB FLASH 44QFN



#### PIC18LF4455-I/P

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#### PIC18LF26K80-I/MM

Microchip Technology  
IC MCU 8BIT 64KB FLASH 28QFN



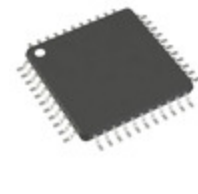
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Microchip Technology  
IC MCU 8BIT 24KB FLASH 44TQFP



#### PIC18LF4420-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 44TQFP



#### PIC18LF442-I/PT

Microchip Technology  
IC MCU 8BIT 16KB FLASH 44TQFP



#### PIC18LF26K22T-I/SS

Microchip Technology  
IC MCU 8BIT 64KB FLASH 28SSOP



#### PIC18LF27K40-I/SS

Microchip Technology  
IC MCU 8BIT 128KB FLASH 28SSOP

## 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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Email

info@allelco.com

## Certifications & Memberships



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