



Image may be representation.
See specifications for product details.



PIC18LF4455-I/PT

Manufacturer Part Number **PIC18LF4455-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18LF4455-I/PT**

ECAD Model Request Free CAD Models

Parts Description **IC MCU 8BIT 24KB FLASH 44TQFP**

Package **44-TQFP**

Data sheet **PIC18F(2, 4)zzz Programming Specification.pdf**

PIC18F2455/2550/4455/4550 Datasheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18LF4455-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18LF4455-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18LF4455-I/PT, please send us email: info@allelco.com

Specifications

PIC18LF4455-I/PT Tech Specifications

PIC18LF4455-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	35
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	256 x 8
RAM Size	2K x 8	Data Converters	A/D 13x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	24KB (12K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB
Package / Case	44-TQFP	Base Product Number	PIC18LF4455
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18LF4455-I/PT

Product Attribute				
Part Number	PIC18LF4455-I/PT	PIC18LF27K40T-I/ML	PIC18LF4510-I/PT	PIC18LF4320T-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Speed	48MHz	64MHz	40MHz	40MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	35	25	36	36
Base Product Number	PIC18LF4455	PIC18LF27	PIC18LF4510	PIC18LF4320
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	PIC® 18F	PIC® XLP™ 18K	PIC® 18F	PIC® 18F
Package	Tray	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	24KB (12K x 16)	128KB (64K x 16)	32KB (16K x 16)	8KB (4K x 16)
Data Converters	A/D 13x10b	A/D 24x10b; D/A 1x5b	A/D 13x10b	A/D 13x10b
Package / Case	44-TQFP	28-VQFN Exposed Pad	44-TQFP	44-VQFN Exposed Pad
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	1.8V ~ 3.6V	2V ~ 5.5V	2V ~ 5.5V
Supplier Device Package	44-TQFP (10x10)	28-QFN (6x6)	44-TQFP (10x10)	44-QFN (8x8)
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	256 x 8	1K x 8	-	256 x 8
Connectivity	I²C, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	2K x 8	3.6K x 8	1.5K x 8	512 x 8

PIC18LF4455-I/PT Datasheet PDF

Download PIC18LF4455-I/PT pdf datasheets and Microchip Technology documentation for PIC18LF4455-I/PT - Microchip Technology.

PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet



PIC18F(2, 4)zzz Programming Specification.pdf



PIC18F2455/2550/4455/4550 Datasheet.pdf

PCN Design/Specification



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

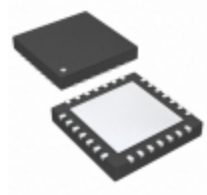
PCN Assembly/Origin



Wire 27/Mar/2018.pdf

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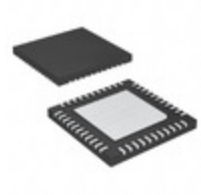
PIC18LF27K40T-I/ML

Microchip Technology
IC MCU 8BIT 128KB FLASH 28QFN



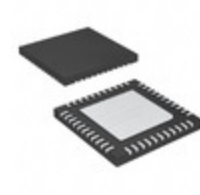
PIC18LF4510-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



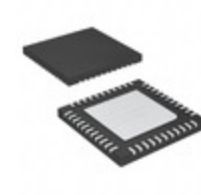
PIC18LF4320T-I/ML

Microchip Technology
IC MCU 8BIT 8KB FLASH 44QFN



PIC18LF452-I/ML

Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



PIC18LF4320-I/ML

Microchip Technology
IC MCU 8BIT 8KB FLASH 44QFN



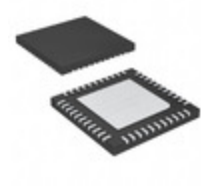
PIC18LF4450-I/P

Microchip Technology
IC MCU 8BIT 16KB FLASH 40DIP



PIC18LF4455-I/P

Microchip Technology
IC MCU 8BIT 24KB FLASH 40DIP



PIC18LF44K22T-I/ML

Microchip Technology
IC MCU 8BIT 16KB FLASH 44QFN



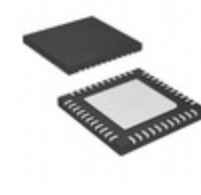
PIC18LF4515-I/PT

Microchip Technology
IC MCU 8BIT 48KB FLASH 44TQFP



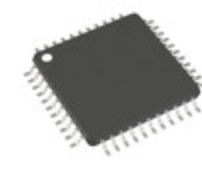
PIC18LF4320-I/PT

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP



PIC18LF4515-I/ML

Microchip Technology
IC MCU 8BIT 48KB FLASH 44QFN



PIC18LF44K22T-I/PT

Microchip Technology
IC MCU 8BIT 16KB FLASH 44TQFP



PIC18LF452-I/L

Microchip Technology
IC MCU 8BIT 32KB FLASH 44PLCC



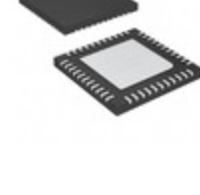
PIC18LF4420-I/PT

Microchip Technology
IC MCU 8BIT 16KB FLASH 44TQFP



PIC18LF44K22-I/PT

Microchip Technology
IC MCU 8BIT 16KB FLASH 44TQFP



PIC18LF4458-I/ML

Microchip Technology
IC MCU 8BIT 24KB FLASH 44QFN



PIC18LF27K40-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



PIC18LF442-I/PT

Microchip Technology
IC MCU 8BIT 16KB FLASH 44TQFP

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



Email

info@allelco.com

Certifications & Memberships



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