



Image may be representation.
See specifications for product details.



PIC18F4520T-I/PT

Manufacturer Part Number **PIC18F4520T-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F4520T-I/PT**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 8BIT 32KB FLASH 44TQFP**

Package **44-TQFP**

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

PIC18F2x20, 4x20 Datasheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F4520T-I/PT - Microchip Technology, New Original in Stock. Download Linear Technology PIC18F4520T-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F4520T-I/PT, please send us email: info@allelco.com

Specifications

PIC18F4520T-I/PT Tech Specifications

PIC18F4520T-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)	4.2V ~ 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	1.5K x 8	Data Converters	A/D 13x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC18F4520
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F4520T-I/PT

Product Attribute				
Part Number	PIC18F4520T-I/PT	PIC18F452T-I/PT	PIC18F4550-I/PT	PIC18F4520-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	36	34	35	36
Data Converters	A/D 13x10b	A/D 8x10b	A/D 13x10b	A/D 13x10b
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V
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, HLVD, POR, PWM, WDT
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® 18F
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	External	Internal	Internal
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART, USB	I ² C, SPI, UART/USART
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tube
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	44-TQFP (10x10)	44-TQFP (10x10)	44-QFN (8x8)
RAM Size	1.5K x 8	1.5K x 8	2K x 8	1.5K x 8
Package / Case	44-TQFP	44-TQFP	44-TQFP	44-VQFN Exposed Pad
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	40MHz	40MHz	48MHz	40MHz
Base Product Number	PIC18F4520	PIC18F452	PIC18F4550	PIC18F4520

PIC18F4520T-I/PT Datasheet PDF

Download PIC18F4520T-I/PT pdf datasheets and Microchip Technology documentation for PIC18F4520T-I/PT - Microchip Technology.

Datasheets


[PIC18F2x20, 4x20 Datasheet.pdf](#)

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

PCN Design/Specification

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



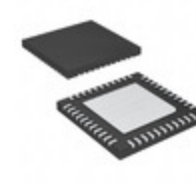





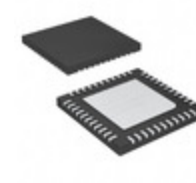







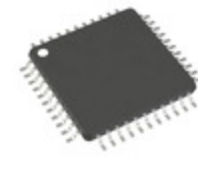
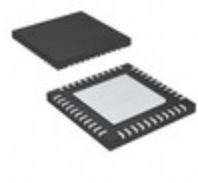
 PIC18F2420/2520/4420/4520 02/Aug/2021.pdf

PCN Assembly/Origin

 Wire 27/Mar/2018.pdf

Customers Also Interested in

Recommended Products

					
PIC18F452T-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F4550-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F4520-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN	PIC18F458-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F452-I/L Microchip Technology IC MCU 8BIT 32KB FLASH 44PLCC	PIC18F452-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP
					
PIC18F458-I/L Microchip Technology IC MCU 8BIT 32KB FLASH 44PLCC	PIC18F4550-I/P Microchip Technology IC MCU 8BIT 32KB FLASH 40DIP	PIC18F452-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN	PIC18F4523-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F452-I/P Microchip Technology IC MCU 8BIT 32KB FLASH 40DIP	PIC18F4515-I/PT Microchip Technology IC MCU 8BIT 48KB FLASH 44TQFP
					
PIC18F4525-I/PT Microchip Technology IC MCU 8BIT 48KB FLASH 44TQFP	PIC18F4553-I/P Microchip Technology IC MCU 8BIT 32KB FLASH 40DIP	PIC18F4515-I/P Microchip Technology IC MCU 8BIT 48KB FLASH 40DIP	PIC18F452-E/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F4520-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F4525-I/ML Microchip Technology IC MCU 8BIT 48KB 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 Alleco 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@alleco.com

Certifications & Memberships



View More

