



Image may be representation.
See specifications for product details.



PIC18F45J10T-I/PT

Manufacturer Part Number **PIC18F45J10T-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F45J10T-I/PT**

ECAD Model [Request Free CAD Models](#)

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

Package **44-TQFP**

Data sheet **PIC18FxxJ10.pdf**

PIC18FxxJ10 Programming Specification.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

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Specifications

PIC18F45J10T-I/PT Tech Specifications

PIC18F45J10T-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)	2.7V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	32
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18J	EEPROM Size	-
RAM Size	1K 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, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC18F45
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F45J10T-I/PT

Product Attribute				
Part Number	PIC18F45J10T-I/PT	PIC18F45J10T-I/ML	PIC18F45K22-I/MV	PIC18F458T-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	2.7V ~ 3.6V	2.7V ~ 3.6V	2.3V ~ 5.5V	4.2V ~ 5.5V
EEPROM Size	-	-	256 x 8	256 x 8
Oscillator Type	Internal	Internal	Internal	External
RAM Size	1K x 8	1K x 8	1.5K x 8	1.5K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Base Product Number	PIC18F45	PIC18F45	PIC18F45	PIC18F458
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	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Number of I/O	32	32	35	33
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Supplier Device Package	44-TQFP (10x10)	44-QFN (8x8)	40-UQFN (5x5)	44-TQFP (10x10)
Speed	40MHz	40MHz	64MHz	40MHz
Package / Case	44-TQFP	44-VQFN Exposed Pad	40-UFQFN Exposed Pad	44-TQFP
Data Converters	A/D 13x10b	A/D 13x10b	A/D 30x10b	A/D 8x10b
Series	PIC® 18J	PIC® 18J	PIC® XLP™ 18K	PIC® 18F
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART

PIC18F45J10T-I/PT Datasheet PDF

Download PIC18F45J10T-I/PT pdf datasheets and Microchip Technology documentation for PIC18F45J10T-I/PT - Microchip Technology.

Datasheets

[PIC18FxxJ10.pdf](#)

[PIC18FxxJ10 Programming Specification.pdf](#)

PCN Packaging

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

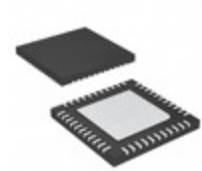
[Reel Design Update 07/May/2015.pdf](#)



Revision with Qualification Report
22/Aug/2014.pdf

Customers Also Interested in

Recommended Products



PIC18F45J10T-I/ML
Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



PIC18F45K22-I/MV
Microchip Technology
IC MCU 8BIT 32KB FLASH 40UQFN



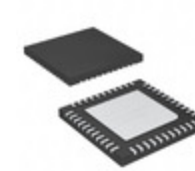
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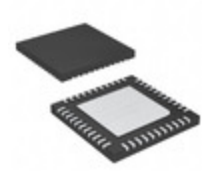
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IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F45J11-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



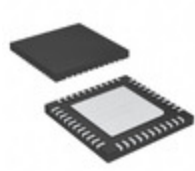
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PIC18F4580-I/PT
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IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F45J50-I/ML
Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



PIC18F4585-I/PT
Microchip Technology
IC MCU 8BIT 48KB FLASH 44TQFP



PIC18F45J10-I/PT
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IC MCU 8BIT 32KB FLASH 44TQFP



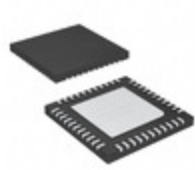
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PIC18F45K20T-I/PT
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PIC18F4585-H/PT
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IC MCU 8BIT 48KB FLASH 44TQFP



PIC18F45K20-I/ML
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PIC18F4585-E/PT
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IC MCU 8BIT 48KB FLASH 44TQFP



PIC18F45J50-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F4580T-I/PT
Microchip Technology
IC MCU 8BIT 32KB 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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Contact us

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