



Image may be representation.
See specifications for product details.



PIC18F45J50-I/PT

Manufacturer Part Number	PIC18F45J50-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F45J50-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 32KB FLASH 44TQFP
Package	44-TQFP
Data sheet	PIC18F46J50 Family.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F45J50-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F45J50-I/PT datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F45J50-I/PT, please send us email: info@allelco.com

Specifications

PIC18F45J50-I/PT Tech Specifications
PIC18F45J50-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)	2.15V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	34
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18J	EEPROM Size	-
RAM Size	3.8K 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, DMA, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB
Package / Case	44-TQFP	Base Product Number	PIC18F45
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F45J50-I/PT

Product Attribute				
Part Number	PIC18F45J50-I/PT	PIC18F45J10T-I/ML	PIC18F45J10T-I/PT	PIC18F45K22-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Core Processor	PIC	PIC	PIC	PIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	44-TQFP	44-VQFN Exposed Pad	44-TQFP	40-DIP (0.600", 15.24mm)
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-QFN (8x8)	44-TQFP (10x10)	40-PDIP
Base Product Number	PIC18F45	PIC18F45	PIC18F45	PIC18F45
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Connectivity	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Speed	48MHz	40MHz	40MHz	64MHz
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	256 x 8
Data Converters	A/D 13x10b	A/D 13x10b	A/D 13x10b	A/D 30x10b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Supply (Vcc/Vdd)	2.15V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.3V ~ 5.5V
RAM Size	3.8K x 8	1K x 8	1K x 8	1.5K x 8
Number of I/O	34	32	32	35
Series	PIC® XLP™ 18J	PIC® 18J	PIC® 18J	PIC® XLP™ 18K

PIC18F45J50-I/PT Datasheet PDF

Download PIC18F45J50-I/PT pdf datasheets and Microchip Technology documentation for PIC18F45J50-I/PT - Microchip Technology.

Datasheets

[PIC18F46J50 Family.pdf](#)

PCN Packaging

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

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

PCN Assembly/Origin



Revision with Qualification Report
22/Aug/2014.pdf

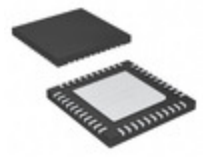
PCN Design/Specification



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

Customers Also Interested in

Recommended Products



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



PIC18F45J10T-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



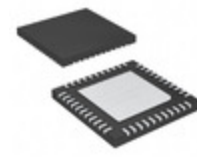
PIC18F45K22-I/P
Microchip Technology
IC MCU 8BIT 32KB FLASH 40DIP



PIC18F45K20-E/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



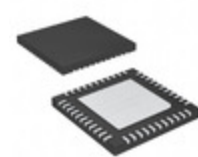
PIC18F45J10-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F45K20-I/ML
Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



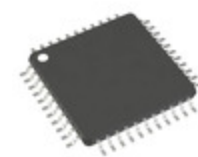
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Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



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



PIC18F45J10-I/ML
Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



PIC18F45K20T-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F458T-I/PT
Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP

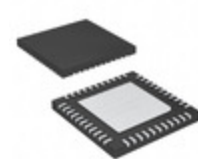
PIC18F4585-H/PT
Microchip Technology
IC MCU 8BIT 48KB FLASH 44TQFP



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



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



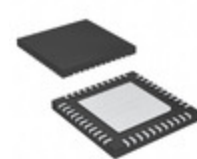
PIC18F45J50-I/ML
Microchip Technology
IC MCU 8BIT 32KB FLASH 44QFN



PIC18F45K22-I/PT
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PIC18F45K20-I/PT
Microchip Technology
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PIC18F45K20T-I/ML
Microchip Technology
IC MCU 8BIT 32KB 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 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

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Certifications & Memberships



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