



Image may be representation.
See specifications for product details.



PIC18F46J50T-I/ML

Manufacturer Part Number	PIC18F46J50T-I/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F46J50T-I/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 44QFN
Package	44-VQFN Exposed Pad
Data sheet	PIC18F46J50 Family.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F46J50T-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F46J50T-I/ML datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F46J50T-I/ML, please send us email: info@allelco.com

Specifications

PIC18F46J50T-I/ML Tech Specifications
PIC18F46J50T-I/ML - 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-QFN (8x8)	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	64KB (32K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART, USB
Package / Case	44-VQFN Exposed Pad	Base Product Number	PIC18F46
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F46J50T-I/ML

Product Attribute				
Part Number	PIC18F46J50T-I/ML	PIC18F46J50-I/ML	PIC18F46K20-E/ML	PIC18F46K20-I/MV
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	44-QFN (8x8)	44-QFN (8x8)	44-QFN (8x8)	40-UQFN (5x5)
RAM Size	3.8K x 8	3.8K x 8	3.8K x 8	3.8K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	34	34	35	35
Core Processor	PIC	PIC	PIC	PIC
Base Product Number	PIC18F46	PIC18F46	PIC18F46	PIC18F46
EEPROM Size	-	-	1K x 8	1K x 8
Package	Tape & Reel (TR)	Tube	Tube	Tube
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	2.15V ~ 3.6V	2.15V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Connectivity	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 13x10b	A/D 13x10b	A/D 14x10b	A/D 14x10b
Series	PIC® XLP™ 18J	PIC® XLP™ 18J	PIC® XLP™ 18K	PIC® XLP™ 18K
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	48MHz	48MHz	48MHz	64MHz
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Package / Case	44-VQFN Exposed Pad	44-VQFN Exposed Pad	44-VQFN Exposed Pad	40-UQFN Exposed Pad

PIC18F46J50T-I/ML Datasheet PDF

Download PIC18F46J50T-I/ML pdf datasheets and Microchip Technology documentation for PIC18F46J50T-I/ML - Microchip Technology.

Datasheets

[PIC18F46J50 Family.pdf](#)

PCN Packaging

[Packing Changes 10/Oct/2016.pdf](#)

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



Customers Also Interested in

Recommended Products

PIC18F46J50-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18F46K20-E/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18F46K20-I/MV Microchip Technology IC MCU 8BIT 64KB FLASH 40UQFN	PIC18F46J11-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18F4680-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18F46J50-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP
PIC18F46J53-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18F4680-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18F46K20-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18F46K20-E/MV Microchip Technology IC MCU 8BIT 64KB FLASH 40UQFN	PIC18F4685-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 44TQFP	PIC18F46J53-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN
PIC18F46K20-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18F4682-I/PT Microchip Technology IC MCU 8BIT 80KB FLASH 44TQFP	PIC18F46J50T-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 44TQFP	PIC18F46J13-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 44QFN	PIC18F46K20-I/P Microchip Technology IC MCU 8BIT 64KB FLASH 40DIP	PIC18F46K20-E/PT Microchip Technology IC MCU 8BIT 64KB 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



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com