



Image may be representation.
See specifications for product details.



PIC18F4682-I/PT

Manufacturer Part Number **PIC18F4682-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F4682-I/PT**

ECAD Model **PCB Symbol, Footprint & 3D Mode**

Parts Description **IC MCU 8BIT 80KB FLASH 44TQFP**

Package **44-TQFP**

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

PIC18F268x, 468x Data Sheet.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F4682-I/PT - Microchip Technology.New Original in Stock. Download Linear Technology PIC18F4682-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F4682-I/PT, please send us email: info@allelco.com

Specifications

PIC18F4682-I/PT Tech Specifications

PIC18F4682-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	1K x 8
RAM Size	3.25K x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	80KB (40K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	CANbus, I ² C, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC18F4682
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F4682-I/PT

Product Attribute				
Part Number	PIC18F4682-I/PT	PIC18F4682-E/ML	PIC18F46J50-I/PT	PIC18F4620-E/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
RAM Size	3.25K x 8	3.25K x 8	3.8K x 8	3.8K x 8
Series	PIC® 18F	PIC® 18F	PIC® XLP™ 18J	PIC® 18F
Connectivity	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART	I ² C, SPI, UART/USART, USB	I ² C, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Core Processor	PIC	PIC	PIC	PIC
Package / Case	44-TQFP	44-VQFN Exposed Pad	44-TQFP	40-DIP (0.600", 15.24mm)
Speed	40MHz	40MHz	48MHz	25MHz
Number of I/O	36	36	34	36
Program Memory Size	80KB (40K x 16)	80KB (40K x 16)	64KB (32K x 16)	64KB (32K x 16)
EEPROM Size	1K x 8	1K x 8	-	1K x 8
Base Product Number	PIC18F4682	PIC18F4682	PIC18F46	PIC18F4620
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Data Converters	A/D 11x10b	A/D 11x10b	A/D 13x10b	A/D 13x10b
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	2.15V ~ 3.6V	4.2V ~ 5.5V
Supplier Device Package	44-TQFP (10x10)	44-QFN (8x8)	44-TQFP (10x10)	40-PDIP
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Package	Tray	Tube	Tray	Tube
Program Memory Type	FLASH	FLASH	FLASH	FLASH

PIC18F4682-I/PT Datasheet PDF

Download PIC18F4682-I/PT pdf datasheets and Microchip Technology documentation for PIC18F4682-I/PT - Microchip Technology.

Datasheets

[PIC18F268x, 468x Data Sheet.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

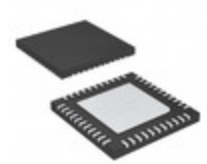
PCN Assembly/Origin



Wire 27/Mar/2018.pdf

Customers Also Interested in

Recommended Products



PIC18F4682-E/ML

Microchip Technology
IC MCU 8BIT 80KB FLASH 44QFN



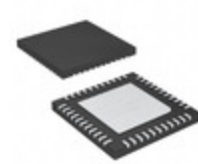
PIC18F46J50-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



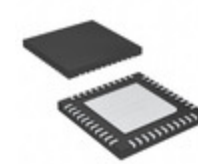
PIC18F4620-E/P

Microchip Technology
IC MCU 8BIT 64KB FLASH 40DIP



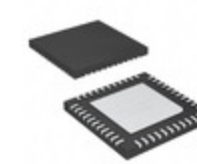
PIC18F46J50-I/ML

Microchip Technology
IC MCU 8BIT 64KB FLASH 44QFN



PIC18F46J53-I/ML

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IC MCU 8BIT 64KB FLASH 44QFN



PIC18F4680-I/ML

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IC MCU 8BIT 64KB FLASH 44QFN



PIC18F4685-I/PT

Microchip Technology
IC MCU 8BIT 96KB FLASH 44TQFP



PIC18F4680-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F46J50T-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F45Q10-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



PIC18F4680-E/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F4620-I/P

Microchip Technology
IC MCU 8BIT 64KB FLASH 40DIP



PIC18F4610-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F46J11-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F45K80-I/PT

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



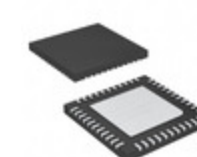
PIC18F46J53-I/PT

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IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F4620-I/PT

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



PIC18F46J13-I/ML

Microchip Technology
IC MCU 8BIT 64KB 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

+00852 9146 4856



Email

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Certifications & Memberships



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