



Image may be representation.
See specifications for product details.



PIC18F6622-I/PT

Manufacturer Part Number	PIC18F6622-I/PT
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F6622-I/PT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 64KB FLASH 64TQFP
Package	64-TQFP
Data sheet	PIC18F6x2(2,7), 8x(2,7) Programming Specification.pdf PIC18F8722 Family.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F6622-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F6622-I/PT datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F6622-I/PT, please send us email: info@allelco.com

Specifications

PIC18F6622-I/PT Tech Specifications

PIC18F6622-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	64-TQFP (10x10)	Number of I/O	54
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	1K x 8
RAM Size	3.8K x 8	Data Converters	A/D 12x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	PIC18F6622
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F6622-I/PT

Product Attribute				
Part Number	PIC18F6622-I/PT	PIC18F6627-E/PT	PIC18F65K80-I/MR	PIC18F65K40-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Number of I/O	54	54	54	60
Speed	40MHz	25MHz	64MHz	64MHz
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	1.8V ~ 5.5V	2.3V ~ 5.5V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	ECANbus, I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART
Program Memory Size	64KB (32K x 16)	96KB (48K x 16)	32KB (16K x 16)	32KB (16K x 16)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® 18F	PIC® 18F	PIC® XLP™ 18K	PIC® XLP™ 18K
RAM Size	3.8K x 8	3.8K x 8	3.6K x 8	2K x 8
Core Processor	PIC	PIC	PIC	PIC
Base Product Number	PIC18F6622	PIC18F6627	PIC18F65	PIC18F65
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package / Case	64-TQFP	64-TQFP	64-VQFN Exposed Pad	64-TQFP
Package	Tray	Tray	Tube	Tray
Supplier Device Package	64-TQFP (10x10)	64-TQFP (10x10)	64-VQFN (9x9)	64-TQFP (10x10)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	A/D 12x10b	A/D 12x10b	A/D 11x12b	A/D 45x10b; D/A 1x5b

PIC18F6622-I/PT Datasheet PDF

Download PIC18F6622-I/PT pdf datasheets and Microchip Technology documentation for PIC18F6622-I/PT - Microchip Technology.

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

MBB/Label Chgs 16/Nov/2018.pdf

PCN Assembly/Origin

Qualification Lead-Frame 03/Jun/2014.pdf



PIC18F6x2(2,7), 8x(2,7) Programming Specification.pdf



PIC18F8722 Family.pdf

Customers Also Interested in

Recommended Products

PIC18F6627-E/PT Microchip Technology IC MCU 8BIT 96KB FLASH 64TQFP	PIC18F65K80-I/MR Microchip Technology IC MCU 8BIT 32KB FLASH 64VQFN	PIC18F65K40-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP	PIC18F65K90-I/MR Microchip Technology IC MCU 8BIT 32KB FLASH 64VQFN	PIC18F6620-E/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	PIC18F6680-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP
PIC18F65K80-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP	PIC18F66J15-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 64TQFP	PIC18F65K80T-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP	PIC18F66J11-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	PIC18F6620-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	PIC18F65K90-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP
PIC18F6680-E/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	PIC18F6628-E/PT Microchip Technology IC MCU 8BIT 96KB FLASH 64TQFP	PIC18F6621-I/PT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	PIC18F65K40T-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP	PIC18F66J15T-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 64TQFP	PIC18F6627-I/PT Microchip Technology IC MCU 8BIT 96KB FLASH 64TQFP

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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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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