



Image may be representation.
See specifications for product details.



PIC18F45K22-I/P

Manufacturer Part Number **PIC18F45K22-I/P**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F45K22-I/P**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 8BIT 32KB FLASH 40DIP**

Package **40-DIP (0.600', 15.24mm)**

Data sheet **[Next Generation Peripherals Brochure.pdf](#)**

[PIC18\(L\)F2x/4xK22 Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F45K22-I/P - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F45K22-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F45K22-I/P, please send us email: info@allelco.com

Specifications

PIC18F45K22-I/P Tech Specifications

PIC18F45K22-I/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	40-PDIP	Number of I/O	35
Speed	64MHz	Mounting Type	Through Hole
Series	PIC® XLP™ 18K	EEPROM Size	256 x 8
RAM Size	1.5K x 8	Data Converters	A/D 30x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	40-DIP (0.600', 15.24mm)	Base Product Number	PIC18F45
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F45K22-I/P

Product Attribute				
Part Number	PIC18F45K22-I/P	PIC18F45K50-I/PT	PIC18F45K40-I/PT	PIC18F45J50-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	40-DIP (0.600', 15.24mm)	44-TQFP	44-TQFP	44-TQFP
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART, USB	I ² C, LINbus, SPI, UART/USART	I ² C, SPI, UART/USART, USB
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.15V ~ 3.6V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 30x10b	A/D 25x10b	A/D 35x10b; D/A 1x5b	A/D 13x10b
Number of I/O	35	33	36	34
RAM Size	1.5K x 8	2K x 8	2K x 8	3.8K x 8
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	40-PDIP	44-TQFP (10x10)	44-TQFP (10x10)	44-TQFP (10x10)
Speed	64MHz	48MHz	64MHz	48MHz
EEPROM Size	256 x 8	256 x 8	256 x 8	-
Core Processor	PIC	PIC	PIC	PIC
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18J
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Base Product Number	PIC18F45	PIC18F45	PIC18F45	PIC18F45
Package	Tube	Tray	Tray	Tray

PIC18F45K22-I/P Datasheet PDF

Download PIC18F45K22-I/P pdf datasheets and Microchip Technology documentation for PIC18F45K22-I/P - Microchip Technology.

Datasheets

[PIC18\(L\)F2x/4xK22 Datasheet.pdf](#)

PCN Packaging

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

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

PCN Assembly/Origin

 2.73KHz.pdf

HTML Datasheet




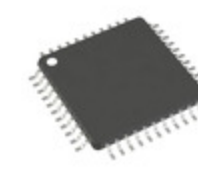

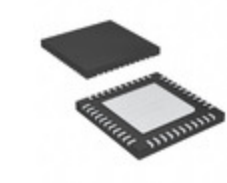




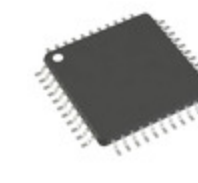
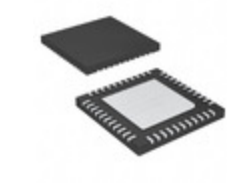

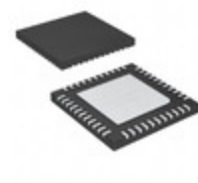
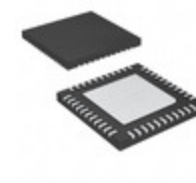

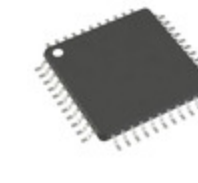
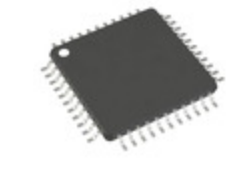
 Next Generation Peripherals Brochure.pdf

PCN Design/Specification

 PIC18(L)F2X/4XK22 31/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
PIC18F45K50-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K40-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45J50-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K80-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K20-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K42-E/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN
					
PIC18F45K42T-E/MVV02 Micrel / Microchip Technology	PIC18F45K22-I/MV Microchip Technology IC MCU 8BIT 32KB FLASH 40UQFN	PIC18F45K40T-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K42-I/P Microchip Technology IC MCU 8BIT 32KB FLASH 40DIP	PIC18F45K20-E/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45J50-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN
					
PIC18F45J11-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K20T-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN	PIC18F45K20-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 44QFN	PIC18F45K40-I/P Microchip Technology IC MCU 8BIT 32KB FLASH 40DIP	PIC18F45K20T-I/PT Microchip Technology IC MCU 8BIT 32KB FLASH 44TQFP	PIC18F45K22-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.



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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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