

Image may be representation.
See specifications for product details.



PIC18F25K20-E/ML

Manufacturer Part Number	PIC18F25K20-E/ML
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F25K20-E/ML
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 32KB FLASH 28QFN
Package	28-VQFN Exposed Pad
Data sheet	PIC18F(2,4)xK20 Programming Spec.pdf PIC18FxxK20 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F25K20-E/ML - Microchip Technology.New Original in Stock. Download Linear Technology PIC18F25K20-E/ML datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F25K20-E/ML, please send us email: info@allelco.com

Specifications

PIC18F25K20-E/ML Tech Specifications

PIC18F25K20-E/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)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	28-QFN (6x6)	Number of I/O	24
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	256 x 8
RAM Size	1.5K x 8	Data Converters	A/D 11x10b
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	I²C, SPI, UART/USART
Package / Case	28-VQFN Exposed Pad	Base Product Number	PIC18F25
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F25K20-E/ML

Product Attribute				
Part Number	PIC18F25K20-E/ML	PIC18F25J10-I/ML	PIC18F25J50-I/ML	PIC18F2580-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC18F25	PIC18F25J10	PIC18F25J50	PIC18F2580
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)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART, USB	CANbus, I²C, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	1.5K x 8	1K x 8	3.8K x 8	1.5K x 8
Package / Case	28-VQFN Exposed Pad	28-VQFN Exposed Pad	28-VQFN Exposed Pad	28-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	24	21	16	25
Supplier Device Package	28-QFN (6x6)	28-QFN (6x6)	28-QFN (6x6)	28-SOIC
EEPROM Size	256 x 8	-	-	256 x 8
Core Processor	PIC	PIC	PIC	PIC
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tube	Tube	Tube
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	48MHz	40MHz	48MHz	40MHz
Data Converters	A/D 11x10b	A/D 10x10b	A/D 10x10b	A/D 8x10b
Series	PIC® XLP™ 18K	PIC® 18J	PIC® XLP™ 18J	PIC® 18F
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	2.7V ~ 3.6V	2.15V ~ 3.6V	4.2V ~ 5.5V

PIC18F25K20-E/ML Datasheet PDF

Download PIC18F25K20-E/ML pdf datasheets and Microchip Technology documentation for PIC18F25K20-E/ML - Microchip Technology.

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

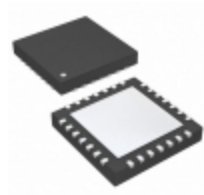
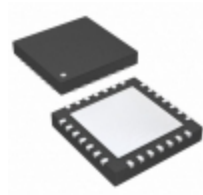



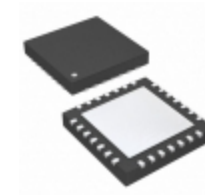







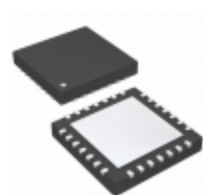

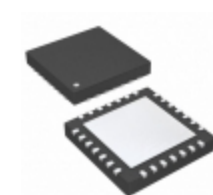


HTML Datasheet

PIC18F(2,4)xK20 Programming Spec.pdf

PIC18FxxK20 Datasheet.pdf

Customers Also Interested in

Recommended Products

					
PIC18F25J10-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F25J50-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F2580-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25J50-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F2585-H/SO Microchip Technology IC MCU 8BIT 48KB FLASH 28SOIC	PIC18F25J11-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN
					
PIC18F25K20T-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F25K20-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F25J10-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F25K20T-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25K20-E/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F2585-E/SO Microchip Technology IC MCU 8BIT 48KB FLASH 28SOIC
					
PIC18F25K20-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25K20T-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F25J10-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	PIC18F25K20-I/ML Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	PIC18F25K20-E/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	PIC18F25J50-I/SS Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP

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

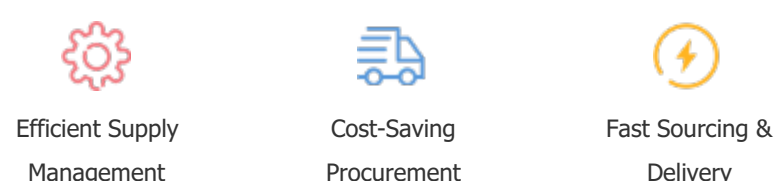
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

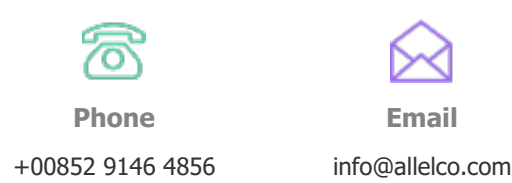
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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