



Image may be representation.  
See specifications for product details.



## PIC18F25K20-I/SS

Manufacturer Part Number **PIC18F25K20-I/SS**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F25K20-I/SS**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC MCU 8BIT 32KB FLASH 28SSOP**

Package **28-SSOP (0.209", 5.30mm Width)**

Data sheet **PIC18F(2,4)xK20 Programming Spec.pdf**

**PIC18FxxK20 Datasheet.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

PIC18F25K20-I/SS - Microchip Technology, New Original in Stock. Download Linear Technology PIC18F25K20-I/SS datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC18F25K20-I/SS, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC18F25K20-I/SS Tech Specifications

PIC18F25K20-I/SS - 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 ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	24
Speed	64MHz	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-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC18F25
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F25K20-I/SS

Product Attribute				
Part Number	PIC18F25K20-I/SS	<a href="#">PIC18F25K20-E/SO</a>	<a href="#">PIC18F25K20-E/SS</a>	<a href="#">PIC18F25K20-I/SO</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
RAM Size	1.5K x 8	1.5K x 8	1.5K x 8	1.5K x 8
Core Processor	PIC	PIC	PIC	PIC
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SOIC (0.295", 7.50mm Width)
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
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Number of I/O	24	24	24	24
Supplier Device Package	28-SSOP	28-SOIC	28-SSOP	28-SOIC
Base Product Number	PIC18F25	PIC18F25	PIC18F25	PIC18F25
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tube	Tube	Tube	Tube
Speed	64MHz	48MHz	48MHz	64MHz
Data Converters	A/D 11x10b	A/D 11x10b	A/D 11x10b	A/D 11x10b
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART

## PIC18F25K20-I/SS Datasheet PDF

Download PIC18F25K20-I/SS pdf datasheets and Microchip Technology documentation for PIC18F25K20-I/SS - Microchip Technology.

### Datasheets



PIC18F(2,4)xK20 Programming Spec.pdf



PIC18FxxK20 Datasheet.pdf

### PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf




Packing Changes 10/Oct/2016.pdf

## PCN Assembly/Origin




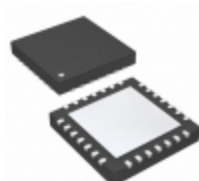
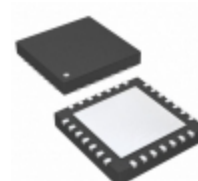
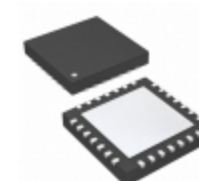





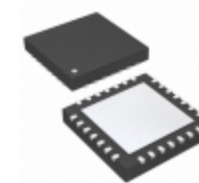

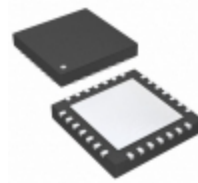


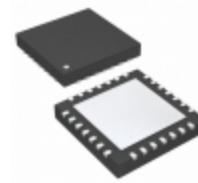

 Mult Devices 14/Jun/2018.pdf

## PCN Design/Specification

 PIC18F(2,4)xK20 Errata/Datasheet 22/May/2013.pdf

## Customers Also Interested in

### Recommended Products

					
<b>PIC18F25K20-E/SO</b>	<b>PIC18F25K20-E/SS</b>	<b>PIC18F25K20-I/SO</b>	<b>PIC18F25K20-I/ML</b>	<b>PIC18F25J11-I/ML</b>	<b>PIC18F25K20T-I/ML</b>
Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN
					
<b>PIC18F25K20T-I/SO</b>	<b>PIC18F25K20-I/SP</b>	<b>PIC18F25K22-I/SS</b>	<b>PIC18F25K22-E/SO</b>	<b>PIC18F25K22-I/SO</b>	<b>PIC18F25K22-I/ML</b>
Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 32KB FLASH 28SPDIP	Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN
					
<b>PIC18F25K20T-I/SS</b>	<b>PIC18F25K20-E/ML</b>	<b>PIC18F25J50-I/SS</b>	<b>PIC18F25K22-E/SS</b>	<b>PIC18F25J50-I/ML</b>	<b>PIC18F25J50-I/SO</b>
Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 32KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 32KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 32KB FLASH 28SOIC

## 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 -

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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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