





PIC18F2320-I/SP

Manufacturer Part Number	PIC18F2320-I/SP	 
Manufacturer	Microchip Technology	
Allelco Part Number	32D-PIC18F2320-I/SP	
ECAD Model	 PCB Footprint and Symbol	
Parts Description	IC MCU 8BIT 8KB FLASH 28SPDIP	
Package	28-DIP (0.300", 7.62mm)	
Data sheet	PIC18F2x20, 4x20 Data Sheet.pdf PIC18Fx220, x320 Programming Specification.pdf	
RoHS Status	 ROHS3 Compliant	

PIC18F2320-I/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F2320-I/SP datasheet/specifications on AllelcoElec.com.
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Specifications





PIC18F2320-I/SP Tech Specifications

PIC18F2320-I/SP - 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	28-SPDIP	Number of I/O	25
Speed	40MHz	Mounting Type	Through Hole
Series	PIC® 18F	EEPROM Size	256 x 8
RAM Size	512 x 8	Data Converters	A/D 10x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	28-DIP (0.300", 7.62mm)	Base Product Number	PIC18F2320
Package	Tube		

Parts with Similar Specifications



The three parts on the right have similar specifications to Microchip Technology PIC18F2320-I/SP

Product Attribute	 NO PICTURE			
Part Number	PIC18F2320-I/SP	PIC18F14K50-I/SO	PIC18F15Q40-I/SO	PIC18F2320T-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	28-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART, USB	I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® 18F	PIC® XLP™ 18K	PIC® 18F	PIC® 18F
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	28-SPDIP	20-SOIC	20-SOIC	28-SOIC
Data Converters	A/D 10x10b	A/D 11x10b	A/D 17x12b; D/A 2x8b	A/D 10x10b
Speed	40MHz	48MHz	64MHz	40MHz
Number of I/O	25	14	18	25
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	256 x 8	256 x 8	512 x 8	256 x 8
Package	Tube	Tube	Tube	Tape & Reel (TR)
Program Memory Size	8KB (4K x 16)	16KB (8K x 16)	32KB (32K x 8)	8KB (4K x 16)
RAM Size	512 x 8	768 x 8	2K x 8	512 x 8
Base Product Number	PIC18F2320	PIC18F14	PIC18F15	PIC18F2320
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	4.2V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT

PIC18F2320-I/SP Datasheet PDF


Download PIC18F2320-I/SP pdf datasheets and Microchip Technology documentation for PIC18F2320-I/SP - Microchip Technology.

Datasheets

 PIC18F2x20, 4x20 Data Sheet.pdf	 PIC18Fx220, x320 Programming Specification.pdf
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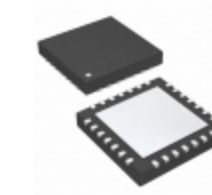








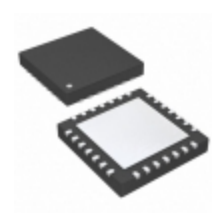
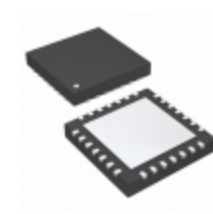

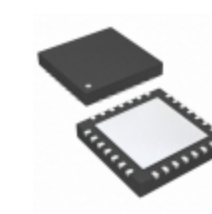
PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf	 Packing Changes 10/Oct/2016.pdf
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 Qualification Revision 23/Aug/2013.pdf

Customers Also Interested in

Recommended Products

					
PIC18F14K50-I/SO Microchip Technology IC MCU 8BIT 16KB FLASH 20SOIC	PIC18F15Q40-I/SO Microchip Technology IC MCU 8BIT 32KB FLASH 20SOIC	PIC18F1827-I/SO MICROCH	PIC18F2320T-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC	PIC18F2221-I/SO Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	PIC18F23K20-I/ML Microchip Technology IC MCU 8BIT 8KB FLASH 28QFN
					
PIC18F2220-I/SO Microchip Technology IC MCU 8BIT 4KB FLASH 28SOIC	PIC18F2321-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC	PIC18F14K50-I/SS Microchip Technology IC MCU 8BIT 16KB FLASH 20SSOP	PIC18F2221-E/SP Microchip Technology IC MCU 8BIT 4KB FLASH 28SPDIP	PIC18F2321-E/SS020 MICROCHI	PIC18F2331-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC
					
PIC18F14K50-I/P Microchip Technology IC MCU 8BIT 16KB FLASH 20DIP	PIC18F2320-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 28SOIC	PIC18F2321-I/ML Microchip Technology IC MCU 8BIT 8KB FLASH 28QFN	PIC18F23K20-I/MV Microchip Technology IC MCU 8BIT 8KB FLASH 28UQFN	PIC18F2321-E/SS Microchip Technology IC MCU 8BIT 8KB FLASH 28SSOP	PIC18F23K20-E/ML Microchip Technology IC MCU 8BIT 8KB FLASH 28QFN

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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-  Efficient Supply Management
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-  Fast Sourcing & Delivery

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Certifications & Memberships



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