

Image may be representation.
See specifications for product details.



PIC18F1320-E/SO

Manufacturer Part Number **PIC18F1320-E/SO**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC18F1320-E/SO**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 8KB FLASH 18SOIC**

Package **18-SOIC (0.295", 7.50mm Width)**

Data sheet **[PIC18Fx220, x320 Programming Specification.pdf](#)**

[PIC18F1220, 1320.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC18F1320-E/SO - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F1320-E/SO datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F1320-E/SO, please send us email: info@allelco.com

Specifications

PIC18F1320-E/SO Tech Specifications

PIC18F1320-E/SO - 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 ~ 125°C (TA)
Supplier Device Package	18-SOIC	Number of I/O	16
Speed	25MHz	Mounting Type	Surface Mount
Series	PIC® 18F	EEPROM Size	256 x 8
RAM Size	256 x 8	Data Converters	A/D 7x10b
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	UART/USART
Package / Case	18-SOIC (0.295", 7.50mm Width)	Base Product Number	PIC18F1320
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F1320-E/SO

Product Attribute				
Part Number	PIC18F1320-E/SO	PIC18F1330-I/SS	PIC18F1330-I/SO	PIC18F1220-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tube	Tube	Tube	Tube
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	25MHz	40MHz	40MHz	40MHz
Base Product Number	PIC18F1320	PIC18F1330	PIC18F1330	PIC18F1220
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	16	16	16	16
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	4KB (2K x 16)
Package / Case	18-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)	18-SOIC (0.295", 7.50mm Width)	20-SSOP (0.209", 5.30mm Width)
EEPROM Size	256 x 8	128 x 8	128 x 8	256 x 8
Core Processor	PIC	PIC	PIC	PIC
Supplier Device Package	18-SOIC	20-SSOP	18-SOIC	20-SSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® 18F
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Data Converters	A/D 7x10b	A/D 4x10b	A/D 4x10b	A/D 7x10b
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8

PIC18F1320-E/SO Datasheet PDF

Download PIC18F1320-E/SO pdf datasheets and Microchip Technology documentation for PIC18F1320-E/SO - Microchip Technology.

Datasheets



[PIC18Fx220, x320 Programming Specification.pdf](#)



[PIC18F1220, 1320.pdf](#)

PCN Packaging



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




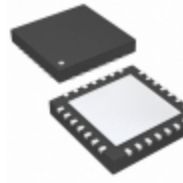


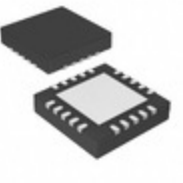








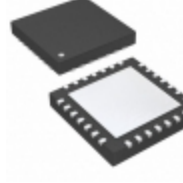
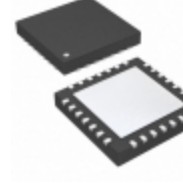



[Packing Changes 10/Oct/2016.pdf](#)

 PdCu Wire Update 18/Feb/2015.pdf

Customers Also Interested in

Recommended Products

					
PIC18F1330-I/SS Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	PIC18F1330-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 18SOIC	PIC18F1220-I/SS Microchip Technology IC MCU 8BIT 4KB FLASH 20SSOP	PIC18F1230-I/ML Microchip Technology IC MCU 8BIT 4KB FLASH 28QFN	PIC18F1230-I/SS Microchip Technology IC MCU 8BIT 4KB FLASH 20SSOP	PIC18C801-I/PT Microchip Technology IC MCU 8BIT ROMLESS 80TQFP
					
PIC18F13K22-E/ML Microchip Technology IC MCU 8BIT 8KB FLASH 20QFN	PIC18F1220-I/P Microchip Technology IC MCU 8BIT 4KB FLASH 18DIP	PIC18F1320-I/SS Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	PIC18F1320-E/SS Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	PIC18C658-I/PT Microchip Technology IC MCU 8BIT 32KB OTP 64TQFP	PIC18F1330T-I/SO Microchip Technology IC MCU 8BIT 8KB FLASH 18SOIC
					
PIC18F06Q40-I/SL Microchip Technology IC MCU 8BIT 64KB FLASH 14SOIC	PIC18F1330-I/P Microchip Technology IC MCU 8BIT 8KB FLASH 18DIP	PIC18F1330-E/SS Microchip Technology IC MCU 8BIT 8KB FLASH 20SSOP	PIC18F1320-I/ML Microchip Technology IC MCU 8BIT 8KB FLASH 28QFN	PIC18F1220-I/ML Microchip Technology IC MCU 8BIT 4KB FLASH 28QFN	PIC18F1220-I/SO Microchip Technology IC MCU 8BIT 4KB FLASH 18SOIC

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
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-  Fast Sourcing & Delivery

Contact us if you have any questions.

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