



Image may be representation.
See specifications for product details.



PIC18F1320-E/SS

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

Manufacturer **Microchip Technology**

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

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 8KB FLASH 20SSOP**

Package **20-SSOP (0.209", 5.30mm Width)**

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

[PIC18F1220, 1320.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

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

Specifications

PIC18F1320-E/SS Tech Specifications

PIC18F1320-E/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)	4.2V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	20-SSOP	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	20-SSOP (0.209", 5.30mm 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/SS

Product Attribute				
Part Number	PIC18F1320-E/SS	PIC18F1330-I/SS	PIC18F1220-I/P	PIC18F13K22-E/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC18F1320	PIC18F1330	PIC18F1220	PIC18F13
Supplier Device Package	20-SSOP	20-SSOP	18-PDIP	20-QFN (4x4)
Package	Tube	Tube	Tube	Tube
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	256 x 8	128 x 8	256 x 8	256 x 8
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	4KB (2K x 16)	8KB (4K x 16)
Connectivity	UART/USART	UART/USART	UART/USART	I ² C, LINbus, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® 18F	PIC® 18F	PIC® 18F	PIC® XLP™ 18K
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V	2.3V ~ 5.5V
Speed	25MHz	40MHz	40MHz	48MHz
Number of I/O	16	16	16	17
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, POR, PWM, WDT
Data Converters	A/D 7x10b	A/D 4x10b	A/D 7x10b	A/D 12x10b
Package / Case	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	18-DIP (0.300", 7.62mm)	20-VFQFN Exposed Pad

PIC18F1320-E/SS Datasheet PDF

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

Datasheets

[PIC18Fx220, x320 Programming Specification.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

 PIC18F1220, 1320.pdf

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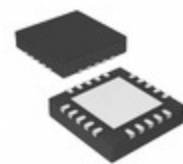
PIC18F1330-I/SS

Microchip Technology
IC MCU 8BIT 8KB FLASH 20SSOP



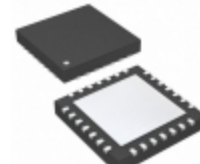
PIC18F1220-I/P

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IC MCU 8BIT 4KB FLASH 18DIP



PIC18F13K22-E/ML

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IC MCU 8BIT 8KB FLASH 20QFN



PIC18F1230-I/ML

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IC MCU 8BIT 4KB FLASH 28QFN



PIC18F06Q40-I/SL

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IC MCU 8BIT 64KB FLASH 14SOIC



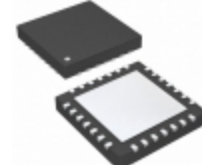
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IC MCU 8BIT 8KB FLASH 20SSOP



PIC18F1220-I/SS

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IC MCU 8BIT 4KB FLASH 20SSOP



PIC18F1220-I/ML

Microchip Technology
IC MCU 8BIT 4KB FLASH 28QFN



PIC18F1330T-I/SO

Microchip Technology
IC MCU 8BIT 8KB FLASH 18SOIC



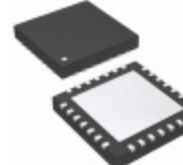
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PIC18F13K22-E/SS

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PIC18F1320-I/ML

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PIC18F1330-I/SO

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PIC18F1320-E/SO

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PIC18F1330-I/P

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IC MCU 8BIT 8KB FLASH 18DIP



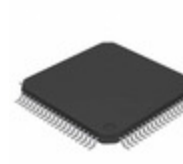
PIC18F1330-E/SS

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IC MCU 8BIT 8KB FLASH 20SSOP



PIC18F1220-I/SO

Microchip Technology
IC MCU 8BIT 4KB FLASH 18SOIC



PIC18C801-I/PT

Microchip Technology
IC MCU 8BIT ROMLESS 80TQFP

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



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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