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See specifications for product details.



PIC16F18325-E/ST

Manufacturer Part Number **PIC16F18325-E/ST**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16F18325-E/ST**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 8BIT 14KB FLASH 14TSSOP**

Package **14-TSSOP (0.173', 4.40mm Width)**

Data sheet **[PIC16\(L\)F183xx Brief.pdf](#)**

[PIC16\(L\)F18325_45 Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC16F18325-E/ST - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F18325-E/ST datasheet/specifications on AllelcoElec.com.
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Specifications

PIC16F18325-E/ST Tech Specifications

PIC16F18325-E/ST - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	14-TSSOP	Number of I/O	12
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F, Functional Safety (FuSa)	EEPROM Size	256 x 8
RAM Size	1K x 8	Data Converters	A/D 11x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	14-TSSOP (0.173', 4.40mm Width)	Base Product Number	PIC16F18325
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F18325-E/ST

Product Attribute				
Part Number	PIC16F18325-E/ST	PIC16F18344-I/GZ	PIC16F18325T-I/JQ	PIC16F18313T-I/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Core Processor	PIC	PIC	PIC	PIC
Program Memory Size	14KB (8K x 14)	7KB (4K x 14)	14KB (8K x 14)	3.5KB (2K x 14)
Number of I/O	12	18	12	6
Speed	32MHz	32MHz	32MHz	32MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
RAM Size	1K x 8	512 x 8	1K x 8	256 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 11x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 11x10b; D/A 1x5b	A/D 5x10b; D/A 1x5b
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F
Base Product Number	PIC16F18325	PIC16F18344	PIC16F18325	PIC16F18313
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	14-TSSOP	20-UQFN (4x4)	16-UQFN (4x4)	8-SOIC
Package / Case	14-TSSOP (0.173', 4.40mm Width)	20-UQFN Exposed Pad	16-UQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)

PIC16F18325-E/ST Datasheet PDF

Download PIC16F18325-E/ST pdf datasheets and Microchip Technology documentation for PIC16F18325-E/ST - Microchip Technology.

PCN Packaging



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



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

HTML Datasheet



[PIC16\(L\)F183xx Brief.pdf](#)



[PIC16\(L\)F18325_45 Datasheet.pdf](#)

PCN Design/Specification



PIC16(L)F18325/18345 22/Sep/2022.pdf



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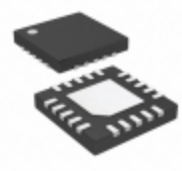
PCN Assembly/Origin



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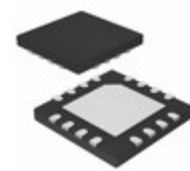
Customers Also Interested in

Recommended Products



PIC16F18344-I/GZ

Microchip Technology
IC MCU 8BIT 7KB FLASH 20UQFN



PIC16F18325T-I/JQ

Microchip Technology
IC MCU 8BIT 14KB FLASH 16UQFN



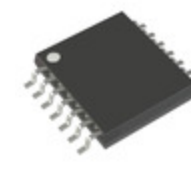
PIC16F18313T-I/SN

Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC16F18324-I/ST

Microchip Technology
IC MCU 8BIT 7KB FLASH 14TSSOP



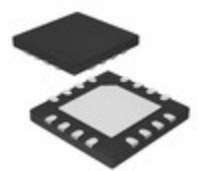
PIC16F18323-I/ST

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IC MCU 8BIT 3.5KB FLASH 14TSSOP



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IC MCU 8BIT 3.5KB FLASH 14SOIC



PIC16F18325-I/JQ

Microchip Technology
IC MCU 8BIT 14KB FLASH 16UQFN



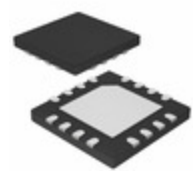
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Microchip Technology
IC MCU 8BIT 14KB FLASH 14SOIC



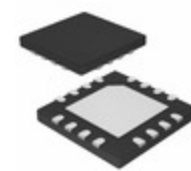
PIC16F18344-E/SS

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IC MCU 8BIT 7KB FLASH 20SSOP



PIC16F18326-I/JQ

Microchip Technology
IC MCU 8BIT 28KB FLASH 16UQFN



PIC16F18324T-E/JQVAO

Microchip Technology
IC MCU 8BIT 7KB FLASH 16UQFN



PIC16F18326-I/SL

Microchip Technology
IC MCU 8BIT 28KB FLASH 14SOIC



PIC16F18324-I/SL

Microchip Technology
IC MCU 8BIT 7KB FLASH 14SOIC



PIC16F18325-I/SL

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IC MCU 8BIT 14KB FLASH 14SOIC



PIC16F18323-E/SL

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IC MCU 8BIT 3.5KB FLASH 14SOIC



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Microchip Technology
IC MCU 8BIT 7KB FLASH 14SOIC



PIC16F18323T-I/SL

Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14SOIC

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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