



Image may be representation.
See specifications for product details.



PIC16F886-E/SS

Manufacturer Part Number	PIC16F886-E/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F886-E/SS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	Tips N Tricks Guide.pdf Next Generation Peripherals Brochure.pdf PIC16F882-84/86-87.pdf PIC16F882-84/86-87.pdf PIC16F88x Programming Spec.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F886-E/SS - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F886-E/SS datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16F886-E/SS, please send us email: info@allelco.com

Specifications

PIC16F886-E/SS Tech Specifications

PIC16F886-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)	2V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	24
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	256 x 8
RAM Size	368 x 8	Data Converters	A/D 11x10b
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	I ² C, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16F886
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F886-E/SS

Product Attribute				
Part Number	PIC16F886-E/SS	PIC16F884-I/P	PIC16F883T-I/SS	PIC16F884-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Supplier Device Package	28-SSOP	40-PDIP	28-SSOP	44-TQFP (10x10)
Base Product Number	PIC16F886	PIC16F884	PIC16F883	PIC16F884
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Program Memory Size	14KB (8K x 14)	7KB (4K x 14)	7KB (4K x 14)	7KB (4K x 14)
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	Tape & Reel (TR)	Tray
Core Processor	PIC	PIC	PIC	PIC
Data Converters	A/D 11x10b	A/D 14x10b	A/D 11x10b	A/D 14x10b
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Number of I/O	24	35	24	35
Speed	20MHz	20MHz	20MHz	20MHz
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
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	368 x 8	256 x 8	256 x 8	256 x 8
Package / Case	28-SSOP (0.209", 5.30mm Width)	40-DIP (0.600", 15.24mm)	28-SSOP (0.209", 5.30mm Width)	44-TQFP
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

PIC16F886-E/SS Datasheet PDF

Download PIC16F886-E/SS pdf datasheets and Microchip Technology documentation for PIC16F886-E/SS - Microchip Technology.

Datasheets

[Tips N Tricks Guide.pdf](#)


[Next Generation Peripherals Brochure.pdf](#)

[PIC16F882-84/86-87.pdf](#)

 PIC16F88x Programming Spec.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

HTML Datasheet

 PIC16F882-84/86-87.pdf

PCN Design/Specification

 PIC16F882,3,4,6,7 Errata/Datasheet Update 19/Aug/2.pdf

 PIC16F88Y, HAY Errata Data Sheet Update 03/Sep/201.pdf

Customers Also Interested in

Recommended Products



PIC16F884-I/P

Microchip Technology
IC MCU 8BIT 7KB FLASH 40DIP



PIC16F886-I/SOVAO

Micrel / Microchip Technology



PIC16F883T-I/SS

Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



NO PICTURE

PIC16F884-I/PI

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PIC16F884-I/PT

Microchip Technology
IC MCU 8BIT 7KB FLASH 44TQFP



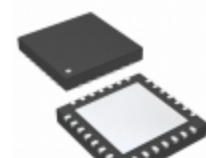
PIC16F884T-E/PT

Micrel / Microchip Technology



PIC16F886-E/SP

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SPDIP



PIC16F883T-I/ML

Microchip Technology
IC MCU 8BIT 7KB FLASH 28QFN



PIC16F887-E/PT

Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



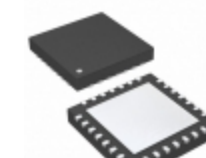
PIC16F886-I/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC



PIC16F886-I/SS

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



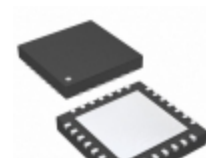
PIC16F886T-I/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 28QFN



PIC16F886-I/SP

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SPDIP



PIC16F886-I/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 28QFN



PIC16F886ISP

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PIC16F883T-E/SS

Micrel / Microchip Technology



PIC16F886T-I/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC



PIC16F883-I/SS

Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP

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 Alleco 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.

Certifications & Memberships





Phone

+00852 9146 4856



Email

info@alleco.com



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Alleco.com