



Image may be representation.
See specifications for product details.



PIC16F876A-I/SS

Manufacturer Part Number	PIC16F876A-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F876A-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 14KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC16F87xA Datasheet.pdf MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PICmicro™ Reference Manual.pdf PIC16F87xA Programming Spec.pdf
RoHs Status	ROHS3 Compliant

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PIC16F876A-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F876A-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC16F876A-I/SS, please send us email: info@allelco.com

Specifications

PIC16F876A-I/SS Tech Specifications

PIC16F876A-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	22
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	256 x 8
RAM Size	368 x 8	Data Converters	A/D 5x10b
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, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16F876
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F876A-I/SS

Product Attribute				
Part Number	PIC16F876A-I/SS	PIC16F876AT-I/SS	PIC16F876A-I/ML	PIC16F876A-E/ML
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
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Number of I/O	22	22	22	22
Supplier Device Package	28-SSOP	28-SSOP	28-QFN (6x6)	28-QFN (6x6)
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-VQFN Exposed Pad	28-VQFN Exposed Pad
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
RAM Size	368 x 8	368 x 8	368 x 8	368 x 8
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Speed	20MHz	20MHz	20MHz	20MHz
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Data Converters	A/D 5x10b	A/D 5x10b	A/D 5x10b	A/D 5x10b
Package	Tube	Tape & Reel (TR)	Tube	Tube
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	External	External	External	External
Core Processor	PIC	PIC	PIC	PIC
Base Product Number	PIC16F876	PIC16F876	PIC16F876	PIC16F876
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8

PIC16F876A-I/SS Datasheet PDF

Download PIC16F876A-I/SS pdf datasheets and Microchip Technology documentation for PIC16F876A-I/SS - Microchip Technology.


Datasheets

[PIC16F87xA Datasheet.pdf](#)

[MPLAB® ICE2000 Spec.pdf](#)


[Tips N Tricks Guide.pdf](#)

 PICmicro™ Reference Manual.pdf

 PIC16F87xA Programming Spec.pdf

PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

 Copper Bond Wire 17/Dec/2014.pdf

PCN Assembly/Origin

 Mult Devices 17/Nov/2017.pdf

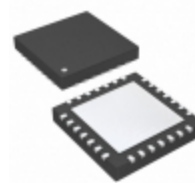
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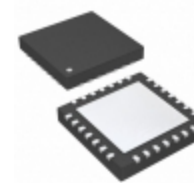
PIC16F876AT-I/SS

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



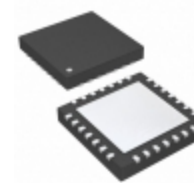
PIC16F876A-H/SS

Micrel / Microchip Technology



PIC16F876A-I/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 28QFN



PIC16F876A-E/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 28QFN



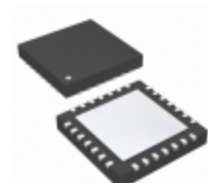
PIC16F877-20/P

Microchip Technology
IC MCU 8BIT 14KB FLASH 40DIP



PIC16F877-04/P

Microchip Technology
IC MCU 8BIT 14KB FLASH 40DIP



PIC16F876A-I/SP

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SPDIP



PIC16F876AT-I/ML

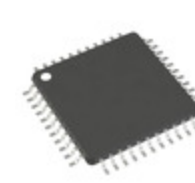
Microchip Technology
IC MCU 8BIT 14KB FLASH 28QFN

PIC16F877-04/L

Microchip Technology
IC MCU 8BIT 14KB FLASH 44PLCC

PIC16F876A-E/SP

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SPDIP



PIC16F877-04/PT

Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



PIC16F877-20/PQ

Microchip Technology
IC MCU 8BIT 14KB FLASH 44MQFP



PIC16F877-04I/L

Microchip Technology
IC MCU 8BIT 14KB FLASH 44PLCC

PIC16F876AT-I/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC

PIC16F876A-E/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC

PIC16F877-20/L

Microchip Technology
IC MCU 8BIT 14KB FLASH 44PLCC

PIC16F876A-I/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC

PIC16F876A-E/SS

Microchip Technology
IC MCU 8BIT 14KB 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 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



View More

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