



## PIC16F876A-E/SP

Manufacturer Part Number	<b>PIC16F876A-E/SP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16F876A-E/SP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 28SPDIP
Package	28-DIP (0.300", 7.62mm)
Data sheet	<a href="#">PIC16F87xA Datasheet.pdf</a> <a href="#">MPLAB® ICE2000 Spec.pdf</a> <a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PICmicro™ Reference Manual.pdf</a> <a href="#">PIC16F87xA Programming Spec.pdf</a>
RoHs Status	ROHS3 Compliant



Get a Quote

PIC16F876A-E/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F876A-E/SP datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16F876A-E/SP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16F876A-E/SP Tech Specifications

PIC16F876A-E/SP - 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 ~ 125°C (TA)
Supplier Device Package	28-SPDIP	Number of I/O	22
Speed	20MHz	Mounting Type	Through Hole
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-DIP (0.300", 7.62mm)	Base Product Number	PIC16F876
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F876A-E/SP

Product Attribute	NO PICTURE			
Part Number	PIC16F876A-E/SP	<a href="#">PIC16F876AT-I/SO</a>	<a href="#">PIC16F876A-E/SS</a>	<a href="#">PIC16F876-04I/SP</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Processor	PIC	PIC	PIC	PIC
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
Base Product Number	PIC16F876	PIC16F876	PIC16F876	PIC16F876
Oscillator Type	External	External	External	External
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)	14KB (8K x 14)
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V
Number of I/O	22	22	22	22
Package / Case	28-DIP (0.300", 7.62mm)	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209", 5.30mm Width)	28-DIP (0.300", 7.62mm)
Supplier Device Package	28-SPDIP	28-SOIC	28-SSOP	28-SPDIP
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Package	Tube	Tape & Reel (TR)	Tube	Tube
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
RAM Size	368 x 8	368 x 8	368 x 8	368 x 8
Speed	20MHz	20MHz	20MHz	4MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Data Converters	A/D 5x10b	A/D 5x10b	A/D 5x10b	A/D 5x10b

## PIC16F876A-E/SP Datasheet PDF

Download PIC16F876A-E/SP pdf datasheets and Microchip Technology documentation for PIC16F876A-E/SP - Microchip Technology.

### Datasheets





PICmicro™ Reference Manual.pdf



PIC16F87xA Programming Spec.pdf

## PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf


## HTML Datasheet

 PIC16F87xA Datasheet.pdf

 MPLAB® ICE2000 Spec.pdf

 Tips N Tricks Guide.pdf

## PCN Assembly/Origin

 Qualification Revision 23/Aug/2013.pdf

## Customers Also Interested in

### Recommended Products



#### PIC16F876AT-I/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F876A-E/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP

#### PIC16F876-04I/SP

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP

#### PIC16F876A-I/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



#### PIC16F876-20/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F876-04I/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F876AT-I/SS

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



#### PIC16F876A-I/SP

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP



#### PIC16F876A-H/SS

Micrel / Microchip Technology



#### PIC16F876-04/SP

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP



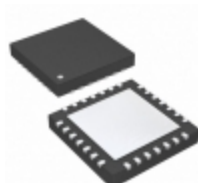
#### PIC16F876A-I/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F876-20I/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



#### PIC16F876-20I/SP

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP

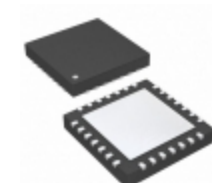


#### PIC16F876A-E/SO

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC

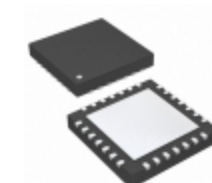
#### PIC16F876-20/SP

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP



#### PIC16F876A-I/ML

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28QFN



#### PIC16F876A-E/ML

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28QFN

## 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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