



Image may be representation.
See specifications for product details.



PIC16LF876A-I/SS

Manufacturer Part Number	PIC16LF876A-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF876A-I/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	PIC16F87xA Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF876A-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF876A-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF876A-I/SS, please send us email: info@allelco.com

Specifications

PIC16LF876A-I/SS Tech Specifications
PIC16LF876A-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)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	22
Speed	10MHz	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	I ² C, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16LF876
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF876A-I/SS

Product Attribute				
Part Number	PIC16LF876A-I/SS	PIC16LF874A-I/L	PIC16LF876-04/SO	PIC16LF876A-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
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
EEPROM Size	256 x 8	128 x 8	256 x 8	256 x 8
RAM Size	368 x 8	192 x 8	368 x 8	368 x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	14KB (8K x 14)	7KB (4K x 14)	14KB (8K x 14)	14KB (8K x 14)
Supplier Device Package	28-SSOP	44-PLCC (16.59x16.59)	28-SOIC	28-SOIC
Data Converters	A/D 5x10b	A/D 8x10b	A/D 5x10b	A/D 5x10b
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
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	PIC	PIC	PIC	PIC
Speed	10MHz	10MHz	4MHz	10MHz
Number of I/O	22	33	22	22
Base Product Number	PIC16LF876	PIC16LF874	PIC16LF876	PIC16LF876
Package	Tube	Tube	Tube	Tube
Package / Case	28-SSOP (0.209", 5.30mm Width)	44-LCC (J-Lead)	28-SOIC (0.295", 7.50mm Width)	28-SOIC (0.295", 7.50mm Width)
Oscillator Type	External	External	External	External
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F

PIC16LF876A-I/SS Datasheet PDF

Download PIC16LF876A-I/SS pdf datasheets and Microchip Technology documentation for PIC16LF876A-I/SS - Microchip Technology.

Datasheets

[PIC16F87xA Datasheet.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



Bond Wire 14/Jul/2017.pdf

Customers Also Interested in

Recommended Products

PIC16LF874A-I/L Microchip Technology IC MCU 8BIT 7KB FLASH 44PLCC	PIC16LF876-04/SO Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	PIC16LF876A-I/SO Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	PIC16LF877-04/PT Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	PIC16LF874A-I/PT Microchip Technology IC MCU 8BIT 7KB FLASH 44TQFP	PIC16LF876A-I/SP Microchip Technology IC MCU 8BIT 14KB FLASH 28SPDIP
PIC16LF877A-I/PT Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	PIC16LF877T-04/L Microchip Technology IC MCU 8BIT 14KB FLASH 44PLCC	PIC16LF874T-I/PT Microchip Technology IC MCU 8BIT 7KB FLASH 44TQFP	PIC16LF876T-04/SO Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	PIC16LF876-04/SP Microchip Technology IC MCU 8BIT 14KB FLASH 28SPDIP	PIC16LF877-04I/L Microchip Technology IC MCU 8BIT 14KB FLASH 44PLCC
PIC16LF876AT-I/SS Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	PIC16LF876-04I/SO Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	PIC16LF877A-I/P Microchip Technology IC MCU 8BIT 14KB FLASH 40DIP	PIC16LF877A-I/ML Microchip Technology IC MCU 8BIT 14KB FLASH 44QFN	PIC16LF877-04/P Microchip Technology IC MCU 8BIT 14KB FLASH 40DIP	PIC16LF876A-I/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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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