



# PIC16F767-I/SP

Manufacturer Part Number	<b>PIC16F767-I/SP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16F767-I/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="#">MPLAB® ICE2000 Spec.pdf</a> <a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PICmicro™ Reference Manual.pdf</a> <a href="#">PIC16F7x7.pdf</a>
RoHS Status	ROHS3 Compliant

Get a Quote

PIC16F767-I/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F767-I/SP datasheet/specifications on AllelcoElec.com.  
Request a quote for PIC16F767-I/SP, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

PIC16F767-I/SP Tech Specifications  
PIC16F767-I/SP - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SPDIP	Number of I/O	25
Speed	20MHz	Mounting Type	Through Hole
Series	PIC® 16F	EEPROM Size	-
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	I²C, SPI, UART/USART
Package / Case	28-DIP (0.300', 7.62mm)	Base Product Number	PIC16F767
Package	Tube		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F767-I/SP

Product Attribute				
Part Number	PIC16F767-I/SP	PIC16F777T-I/PT	PIC16F747-I/PT	PIC16F767-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Base Product Number	PIC16F767	PIC16F777	PIC16F747	PIC16F767
Program Memory Size	14KB (8K x 14)	14KB (8K x 14)	7KB (4K x 14)	14KB (8K x 14)
EEPROM Size	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
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
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Data Converters	A/D 11x10b	A/D 14x10b	A/D 14x10b	A/D 11x10b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	28-SPDIP	44-TQFP (10x10)	44-TQFP (10x10)	28-SSOP
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	PIC	PIC	PIC	PIC
Package / Case	28-DIP (0.300', 7.62mm)	44-TQFP	44-TQFP	28-SSOP (0.209', 5.30mm Width)
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V
Speed	20MHz	20MHz	20MHz	20MHz
RAM Size	368 x 8	368 x 8	368 x 8	368 x 8
Number of I/O	25	36	36	25
Package	Tube	Tape & Reel (TR)	Tray	Tube
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

## PIC16F767-I/SP Datasheet PDF

Download PIC16F767-I/SP pdf datasheets and Microchip Technology documentation for PIC16F767-I/SP - Microchip Technology.

### Datasheets

[PICmicro™ Reference Manual.pdf](#)

[PIC16F7x7.pdf](#)

## PCN Packaging



Label and Packing Changes 23/Sep/2015.pdf



Packing Changes 10/Oct/2016.pdf

## HTML Datasheet



MPLAB® ICE2000 Spec.pdf



Tips N Tricks Guide.pdf

## PCN Assembly/Origin



Qualification Revision 06/Feb/2014.pdf

## Customers Also Interested in

### Recommended Products



**PIC16F777T-I/PT**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44TQFP



**PIC16F747-I/PT**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 44TQFP



**PIC16F767-I/SS**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



**PIC16F76-I/SO**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



**PIC16F767-I/SO**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



**PIC16F76-E/SP**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP



**PIC16F777-I/PT**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44TQFP



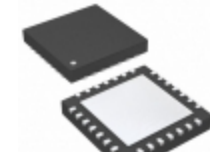
**PIC16F76-I/SS**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



**PIC16F77-I/L**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44PLCC



**PIC16F76-I/ML**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28QFN



**PIC16F77-I/PT**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 44TQFP



**PIC16F747-I/P**

Microchip Technology  
IC MCU 8BIT 7KB FLASH 40DIP



**PIC16F76T-E/SS**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SSOP



**PIC16F77-I/P**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 40DIP



**PIC16F76T-I/SO**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SOIC



**PIC16F76-I/SP**

Microchip Technology  
IC MCU 8BIT 14KB FLASH 28SPDIP



**PIC16F753T-I/SL**

Microchip Technology  
IC MCU 8BIT 3.5KB FLASH 14SOIC



**PIC16F76T-I/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



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