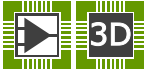



## PIC18C252-I/SP

Manufacturer Part Number	<b>PIC18C252-I/SP</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC18C252-I/SP
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 32KB OTP 28SPDIP
Package	28-DIP (0.300", 7.62mm)
Data sheet	<a href="#">Tips N Tricks Guide.pdf</a> <a href="#">PIC18Cxx2.pdf</a>
RoHS Status	 <b>ROHS3 Compliant</b>


[Get a Quote](#)

PIC18C252-I/SP - Microchip Technology. New Original in Stock. Download Linear Technology PIC18C252-I/SP datasheet/specifications on AllelcoElec.com.  
 Request a quote for PIC18C252-I/SP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications





PIC18C252-I/SP Tech Specifications

PIC18C252-I/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)	4.2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SPDIP	Number of I/O	22
Speed	40MHz	Mounting Type	Through Hole
Series	PIC® 18C	EEPROM Size	-
RAM Size	1.5K x 8	Data Converters	A/D 5x10b
Program Memory Type	OTP	Core Size	8-Bit
Program Memory Size	32KB (16K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	28-DIP (0.300", 7.62mm)	Base Product Number	PIC18C252
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18C252-I/SP

Product Attribute	 NO PICTURE			
Part Number	PIC18C252-I/SP	<a href="#">PIC17C756A-33/L</a>	<a href="#">PIC18C452-I/L</a>	<a href="#">PIC18C658-I/L</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
EEPROM Size	-	-	-	-
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	CANbus, I²C, SPI, UART/USART
Base Product Number	PIC18C252	PIC17C756	PIC18C452	PIC18C658
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Number of I/O	22	50	33	52
Voltage - Supply (Vcc/Vdd)	4.2V ~ 5.5V	4.5V ~ 5.5V	4.2V ~ 5.5V	4.2V ~ 5.5V
Speed	40MHz	33MHz	40MHz	40MHz
Data Converters	A/D 5x10b	A/D 12x10b	A/D 8x10b	A/D 12x10b
RAM Size	1.5K x 8	902 x 8	1.5K x 8	1.5K x 8
Oscillator Type	External	External	External	External
Program Memory Size	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)	32KB (16K x 16)
Package	Tube	Tube	Tube	Tube
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Series	PIC® 18C	PIC® 17C	PIC® 18C	PIC® 18C
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Program Memory Type	OTP	OTP	OTP	OTP
Core Processor	PIC	PIC	PIC	PIC
Package / Case	28-DIP (0.300", 7.62mm)	68-LCC (J-Lead)	44-LCC (J-Lead)	68-LCC (J-Lead)
Supplier Device Package	28-SPDIP	68-PLCC (24.23x24.23)	44-PLCC (16.59x16.59)	68-PLCC (24.23x24.23)

### PIC18C252-I/SP Datasheet PDF

Download PIC18C252-I/SP pdf datasheets and Microchip Technology documentation for PIC18C252-I/SP - Microchip Technology.

#### Datasheets


[Tips N Tricks Guide.pdf](#)


[PIC18Cxx2.pdf](#)

#### PCN Packaging


[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

## PCN Obsolescence/ EOL

 DK OBS NOTICE.pdf

## PCN Assembly/Origin

 Mult Dev 13/Apr/2020.pdf

## Customers Also Interested in

### Recommended Products



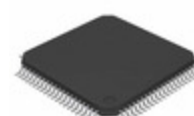
#### PIC17C756A-33/L

Microchip Technology  
IC MCU 8BIT 32KB OTP 68PLCC



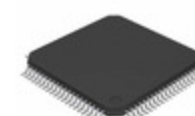
#### PIC18C452-I/L

Microchip Technology  
IC MCU 8BIT 32KB OTP 44PLCC



#### PIC17C766-33/PT

Microchip Technology  
IC MCU 8BIT 32KB OTP 80TQFP



#### PIC17LC762-08I/PT

Microchip Technology  
IC MCU 8BIT 16KB OTP 80TQFP



#### PIC17LC44-08I/L

Microchip Technology  
IC MCU 8BIT 16KB OTP 44PLCC



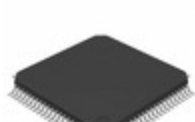
#### PIC18C658-I/PT

Microchip Technology  
IC MCU 8BIT 32KB OTP 64TQFP



#### PIC18C442-I/P

Microchip Technology  
IC MCU 8BIT 16KB OTP 40DIP



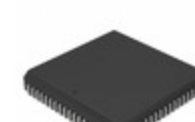
#### PIC18C801-I/PT

Microchip Technology  
IC MCU 8BIT ROMLESS 80TQFP



#### PIC18C452-I/P

Microchip Technology  
IC MCU 8BIT 32KB OTP 40DIP



#### PIC17C766-33/L

Microchip Technology  
IC MCU 8BIT 32KB OTP 84PLCC



#### PIC18C252-I/SO

Microchip Technology  
IC MCU 8BIT 32KB OTP 28SOIC



#### PIC18C252/JW

Microchip Technology  
IC MCU 8B 32KB EPROM/UV  
28CERDIP



#### PIC18C452/JW

Microchip Technology  
IC MCU 8B 32KB EPROM/UV  
40CERDIP



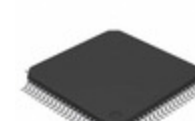
#### PIC18F06Q40-I/SL

Microchip Technology  
IC MCU 8BIT 64KB FLASH 14SOIC



#### PIC18C601-I/PT

Microchip Technology  
IC MCU 8BIT ROMLESS 64TQFP



#### PIC17C762-33/PT

Microchip Technology  
IC MCU 8BIT 16KB OTP 80TQFP



#### PIC17LC756A-08I/PT

Microchip Technology  
IC MCU 8BIT 32KB OTP 64TQFP

## 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.



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Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



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+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



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