



Image may be representation.
See specifications for product details.



PIC18F27J53-I/SS

Manufacturer Part Number	PIC18F27J53-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F27J53-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 128KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC18F47J53 Family.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F27J53-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC18F27J53-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC18F27J53-I/SS, please send us email: info@allelco.com

Specifications

PIC18F27J53-I/SS Tech Specifications
PIC18F27J53-I/SS - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.15V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	22
Speed	48MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18J	EEPROM Size	-
RAM Size	3.8K x 8	Data Converters	A/D 10x10b/12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (64K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART, USB
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC18F27
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F27J53-I/SS

Product Attribute				
Part Number	PIC18F27J53-I/SS	PIC18F27Q84-I/SS	PIC18F26K83-E/SSVAO	PIC18F4320-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Speed	48MHz	64MHz	64MHz	40MHz
EEPROM Size	-	1K x 8	1K x 8	256 x 8
Package	Tube	Tube	Tube	Tube
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	44-VQFN Exposed Pad
RAM Size	3.8K x 8	8K x 8	4K x 8	512 x 8
Supplier Device Package	28-SSOP	28-SSOP	28-SSOP	44-QFN (8x8)
Voltage - Supply (Vcc/Vdd)	2.15V ~ 3.6V	1.8V ~ 5.5V	2.3V ~ 5.5V	4.2V ~ 5.5V
Core Processor	PIC	PIC	PIC	PIC
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Data Converters	A/D 10x10b/12b	A/D 24x12b; D/A 1x8b	A/D 24x12b; D/A 1x5b	A/D 13x10b
Series	PIC® XLP™ 18J	PIC® 18F	Automotive, AEC-Q100, PIC® 18K, Functional Safety (FuSa)	PIC® 18F
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	128KB (64K x 16)	128KB (64K x 16)	64KB (32K x 16)	8KB (4K x 16)
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Connectivity	I²C, LINbus, SPI, UART/USART, USB	CANbus, I²C, LINbus, SPI, UART/USART	CANbus, I²C, LINbus, SPI, UART/USART	I²C, SPI, UART/USART
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	22	25	25	36
Base Product Number	PIC18F27	PIC18F27	PIC18F26	PIC18F4320

PIC18F27J53-I/SS Datasheet PDF

Download PIC18F27J53-I/SS pdf datasheets and Microchip Technology documentation for PIC18F27J53-I/SS - Microchip Technology.

Datasheets

[PIC18F47J53 Family.pdf](#)

PCN Packaging

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

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

PCN Design/Specification



Cancellation Notice 15/Jun/2016.pdf

PCN Assembly/Origin



2.73KHz.pdf

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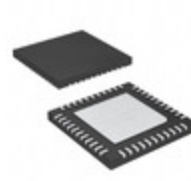
PIC18F27Q84-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



PIC18F26K83-E/SSVAO

Microchip Technology
IC MCU 8BIT 64KB FLASH 28SSOP



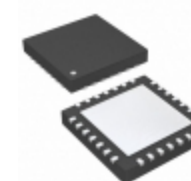
PIC18F4320-I/ML

Microchip Technology
IC MCU 8BIT 8KB FLASH 44QFN



PIC18F27K40-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



PIC18F26K83-E/ML

Microchip Technology
IC MCU 8BIT 64KB FLASH 28QFN



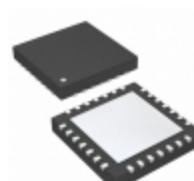
PIC18F27K40T-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



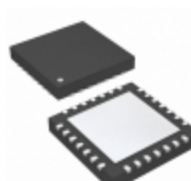
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Microchip Technology
IC MCU 8BIT 64KB FLASH 28SSOP



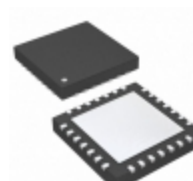
PIC18F27Q10-I/STX

Microchip Technology
IC MCU 8BIT 128KB FLASH 28VQFN



PIC18F26Q10-E/STX

Microchip Technology
IC MCU 8BIT 64KB FLASH 28VQFN



PIC18F26K83-I/ML

Microchip Technology
IC MCU 8BIT 64KB FLASH 28QFN



PIC18F4320-I/P

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



PIC18F26K83-I/SS

Microchip Technology
IC MCU 8BIT 64KB FLASH 28SSOP



PIC18F27K42-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



PIC18F4220-I/PT

Microchip Technology
IC MCU 8BIT 4KB FLASH 44TQFP



PIC18F26Q10-I/SS

Microchip Technology
IC MCU 8BIT 64KB FLASH 28SSOP



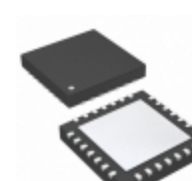
PIC18F26Q10-E/SS

Microchip Technology
IC MCU 8BIT 64KB FLASH 28SSOP



PIC18F27J53T-I/SS

Microchip Technology
IC MCU 8BIT 128KB FLASH 28SSOP



PIC18F27K40-I/ML

Microchip Technology
IC MCU 8BIT 128KB 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
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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