



Image may be representation.
See specifications for product details.



PIC18F26K42-I/SS

Manufacturer Part Number	PIC18F26K42-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC18F26K42-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 64KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC18(L)F26 to 57K42 Datasheet.pdf PIC18(L)F26 to 57K42 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC18F26K42-I/SS - Microchip Technology, New Original in Stock. Download Linear Technology PIC18F26K42-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for PIC18F26K42-I/SS, please send us email: info@allelco.com

Specifications

PIC18F26K42-I/SS Tech Specifications

PIC18F26K42-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)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	25
Speed	64MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 18K	EEPROM Size	1K x 8
RAM Size	4K x 8	Data Converters	A/D 24x12b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (32K x 16)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC18F26
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC18F26K42-I/SS

Product Attribute				
Part Number	PIC18F26K42-I/SS	PIC18F26K40-I/SO	PIC18F26K42T-I/ML	PIC18F26K80-E/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Number of I/O	25	25	25	24
Supplier Device Package	28-SSOP	28-SOIC	28-QFN (6x6)	28-SSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	64MHz	64MHz	64MHz	64MHz
RAM Size	4K x 8	3.6K x 8	4K x 8	3.6K x 8
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	1.8V ~ 5.5V
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)	64KB (32K x 16)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	1K x 8	1K x 8	1K x 8	1K x 8
Package	Tube	Tube	Tape & Reel (TR)	Tube
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SOIC (0.295", 7.50mm Width)	28-VQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Data Converters	A/D 24x12b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 24x12b; D/A 1x5b	A/D 8x12b
Series	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K	PIC® XLP™ 18K
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	ECANbus, I²C, LINbus, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC18F26	PIC18F26	PIC18F26	PIC18F26
Core Processor	PIC	PIC	PIC	PIC

PIC18F26K42-I/SS Datasheet PDF

Download PIC18F26K42-I/SS pdf datasheets and Microchip Technology documentation for PIC18F26K42-I/SS - Microchip Technology.

Datasheets

PIC18(L)F26 to 57K42 Datasheet.pdf

PCN Assembly/Origin

Mult Devices 17/Nov/2017.pdf

HTML Datasheet

PIC18(L)F26 to 57K42 Datasheet.pdf


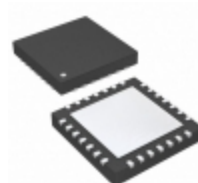

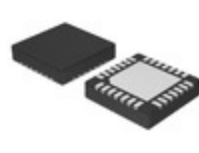

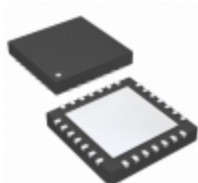





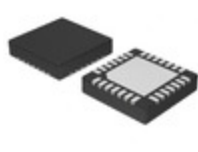
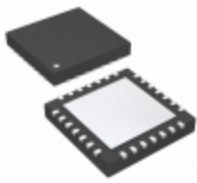





PCN Design/Specification

PIC18(L)F26/27/45/46/47/55/56/57K42 11/Nov/2020.pdf

PIC18(L)F26/27/45/46/47/55/56/57K42 25/Sep/2018.pdf

Customers Also Interested in

Recommended Products

 PIC18F26K40-I/SO Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	 PIC18F26K42T-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	 PIC18F26K80-E/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K80-E/MM Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	 PIC18F26K42-E/SO Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	 PIC18F26K22T-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN
 PIC18F26K40T-I/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K80-I/SSVAO Micrel / Microchip Technology	 PIC18F26K80-E/ML Micrel / Microchip Technology	 PIC18F26K42-I/SO Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	 PIC18F26K42T-I/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K80-I/MM Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN
 PIC18F26K42-I/ML Microchip Technology IC MCU 8BIT 64KB FLASH 28QFN	 PIC18F26K80-I/SO Microchip Technology IC MCU 8BIT 64KB FLASH 28SOIC	 PIC18F26K22T-I/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K80-I/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K40-I/SS Microchip Technology IC MCU 8BIT 64KB FLASH 28SSOP	 PIC18F26K22-I/SS Microchip Technology IC MCU 8BIT 64KB 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
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Contact us if you have any questions.

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