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See specifications for product details.



PIC16F18426-I/ST

Manufacturer Part Number	PIC16F18426-I/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F18426-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 28KB FLASH 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	PIC16(L)F18426,46.pdf PIC16(L)F18426,46.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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Specifications

PIC16F18426-I/ST Tech Specifications

PIC16F18426-I/ST - 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	14-TSSOP	Number of I/O	12
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F, Functional Safety (FuSa)	EEPROM Size	256 x 8
RAM Size	2K x 8	Data Converters	A/D 11x12b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	28KB (16K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	PIC16F18426
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F18426-I/ST

Product Attribute				
Part Number	PIC16F18426-I/ST	PIC16F18455T-I/SS	PIC16F18455-I/SS	PIC16F18446T-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Program Memory Size	28KB (16K x 14)	14KB (8K x 14)	14KB (8K x 14)	28KB (16K x 14)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
RAM Size	2K x 8	1K x 8	1K x 8	2K x 8
Number of I/O	12	26	26	18
Speed	32MHz	32MHz	32MHz	32MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC16F18426	PIC16F18455	PIC16F18455	PIC16F18446
Series	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F, Functional Safety (FuSa)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	14-TSSOP	28-SSOP	28-SSOP	20-SOIC
Package / Case	14-TSSOP (0.173", 4.40mm Width)	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	20-SOIC (0.295", 7.50mm Width)
Oscillator Type	Internal	Internal	Internal	Internal
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
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
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.3V ~ 5.5V
Data Converters	A/D 11x12b; D/A 1x5b	A/D 24x12b; D/A 1x5b	A/D 24x12b; D/A 1x5b	A/D 17x12b; D/A 1x5b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Processor	PIC	PIC	PIC	PIC

PIC16F18426-I/ST Datasheet PDF

Download PIC16F18426-I/ST pdf datasheets and Microchip Technology documentation for PIC16F18426-I/ST - Microchip Technology.

Datasheets

[PIC16\(L\)F18426,46.pdf](#)

HTML Datasheet

[PIC16\(L\)F18426,46.pdf](#)

PCN Design/Specification



PIC16(L)F18426/46 11/Nov/2019.pdf



PIC16(L)F18426/46 28/Feb/2022.pdf

PCN Assembly/Origin



PIC16LFYYY 27/Feb/2018.pdf

Customers Also Interested in

Recommended Products



PIC16F18455T-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



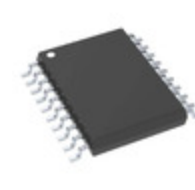
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Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



PIC16F18446T-I/SO
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SOIC



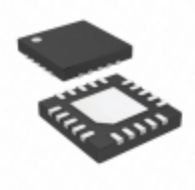
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Microchip Technology
IC MCU 8BIT 28KB FLASH 20SSOP



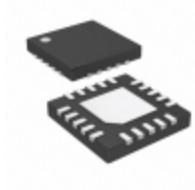
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IC MCU 8BIT 28KB FLASH 20SSOP



PIC16F18446-I/SO
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SOIC



PIC16F18346T-I/GZ
Microchip Technology
IC MCU 8BIT 28KB FLASH 20UQFN



PIC16F18346-I/GZ
Microchip Technology
IC MCU 8BIT 28KB FLASH 20UQFN



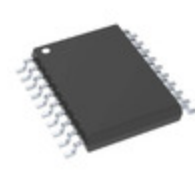
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Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



PIC16F18346-I/SO
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SOIC



PIC16F18424-I/SL
Microchip Technology
IC MCU 8BIT 7KB FLASH 14SOIC



PIC16F18346-I/SS
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SSOP



PIC16F18446T-I/SS
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SSOP



PIC16F1847-E/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



PIC16F18346T-I/SO
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SOIC



PIC16F18456-E/SS
Microchip Technology
IC MCU 8BIT 28KB FLASH 28SSOP



PIC16F18425-I/ST
Microchip Technology
IC MCU 8BIT 14KB FLASH 14TSSOP



PIC16F18445-I/SO
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SOIC

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
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Certifications & Memberships



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