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See specifications for product details.



PIC16F18346-I/GZ

Manufacturer Part Number	PIC16F18346-I/GZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F18346-I/GZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 28KB FLASH 20UQFN
Package	20-UQFN Exposed Pad
Data sheet	PIC16(L)F18326,46 Datasheet.pdf PIC16(L)F18326,46 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F18346-I/GZ - Microchip Technology. New Original in Stock. Download Linear Technology PIC16F18346-I/GZ datasheet/specifications on AllelcoElec.com.
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Specifications

PIC16F18346-I/GZ Tech Specifications

PIC16F18346-I/GZ - 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	20-UQFN (4x4)	Number of I/O	18
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 17x10b; 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	20-UQFN Exposed Pad	Base Product Number	PIC16F18346
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F18346-I/GZ

Product Attribute				
Part Number	PIC16F18346-I/GZ	PIC16F18425-I/SL	PIC16F18346T-I/GZ	PIC16F18344T-I/SS
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Base Product Number	PIC16F18346	PIC16F18425	PIC16F18346	PIC16F18344
Series	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F, Functional Safety (FuSa)	PIC® XLP™ 16F, Functional Safety (FuSa)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Speed	32MHz	32MHz	32MHz	32MHz
RAM Size	2K x 8	1K x 8	2K x 8	512 x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	18	11	18	18
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
Package / Case	20-UQFN Exposed Pad	14-SOIC (0.154", 3.90mm Width)	20-UQFN Exposed Pad	20-SSOP (0.209", 5.30mm Width)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Core Processor	PIC	PIC	PIC	PIC
Program Memory Size	28KB (16K x 14)	14KB (8K x 14)	28KB (16K x 14)	7KB (4K x 14)
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	20-UQFN (4x4)	14-SOIC	20-UQFN (4x4)	20-SSOP
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 17x10b; D/A 1x5b	A/D 11x12b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b

PIC16F18346-I/GZ Datasheet PDF

Download PIC16F18346-I/GZ pdf datasheets and Microchip Technology documentation for PIC16F18346-I/GZ - Microchip Technology.


Datasheets

[PIC16\(L\)F18326,46 Datasheet.pdf](#)

PCN Packaging

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


PCN Assembly/Origin


 Lead Frame 25/Nov/2021.pdf

HTML Datasheet

 PIC16(L)F18326,46 Datasheet.pdf

PCN Design/Specification

 PIC16(L)F18326/18346 11/Dec/2019.pdf

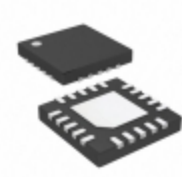
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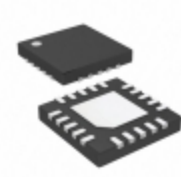
PIC16F18425-I/SL
Microchip Technology
IC MCU 8BIT 14KB FLASH 14SOIC



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



PIC16F18344T-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 20SSOP



PIC16F18345-I/GZ
Microchip Technology
IC MCU 8BIT 14KB FLASH 20UQFN



PIC16F18425-I/ST
Microchip Technology
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PIC16F18346T-I/SS
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IC MCU 8BIT 28KB FLASH 20SSOP



PIC16F18345T-I/GZ
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IC MCU 8BIT 14KB FLASH 20UQFN



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



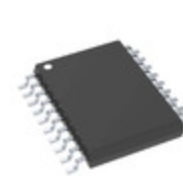
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IC MCU 8BIT 28KB FLASH 20SSOP



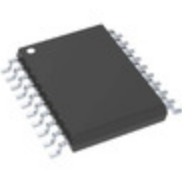
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IC MCU 8BIT 14KB FLASH 20SOIC



PIC16F18345-I/SO
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SOIC



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



PIC16F18344-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 20SSOP



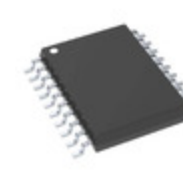
PIC16F18346T-I/SO
Microchip Technology
IC MCU 8BIT 28KB FLASH 20SOIC



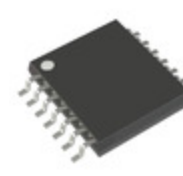
PIC16F18345-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



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



PIC16F18345T-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 20SSOP



PIC16F18426-I/ST
Microchip Technology
IC MCU 8BIT 28KB FLASH 14TSSOP

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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