

Image may be representation.
See specifications for product details.



PIC12F1822-I/SN

Manufacturer Part Number **PIC12F1822-I/SN**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC12F1822-I/SN**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 8BIT 3.5KB FLASH 8SOIC**

Package **8-SOIC (0.154', 3.90mm Width)**

Data sheet **PIC12(L)F1822, PIC16(L)F1823.pdf**

PIC12F1822, PIC16F182x Brief.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC12F1822-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology PIC12F1822-I/SN datasheet/specifications on AllelcoElec.com.
Request a quote for PIC12F1822-I/SN, please send us email: info@allelco.com

Specifications

PIC12F1822-I/SN Tech Specifications

PIC12F1822-I/SN - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	8-SOIC	Number of I/O	6
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 12F	EEPROM Size	256 x 8
RAM Size	128 x 8	Data Converters	A/D 4x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	3.5KB (2K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	PIC12F1822
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC12F1822-I/SN

Product Attribute				
Part Number	PIC12F1822-I/SN	PIC12F1572T-I/SN	PIC12F1840-I/SN	PIC12F1572-I/RF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	3.5KB (2K x 14)	3.5KB (2K x 14)	7KB (4K x 14)	3.5KB (2K x 14)
Oscillator Type	Internal	Internal	Internal	Internal
Core Processor	PIC	PIC	PIC	PIC
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	128 x 8	256 x 8	256 x 8	256 x 8
Connectivity	I²C, LINbus, SPI, UART/USART	LINbus, UART/USART	I²C, LINbus, SPI, UART/USART	LINbus, UART/USART
Speed	32MHz	32MHz	32MHz	32MHz
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Base Product Number	PIC12F1822	PIC12F1572	PIC12F1840	PIC12F1572
Data Converters	A/D 4x10b; D/A 1x5b	A/D 4x10b; D/A 1x5b	A/D 4x10b; D/A 1x5b	A/D 4x10b; D/A 1x5b
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-UDFN Exposed Pad
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-UDFN (3x3)
Series	PIC® XLP™ 12F	PIC® 12F	PIC® XLP™ 12F	PIC® 12F
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
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	256 x 8	-	256 x 8	-
Number of I/O	6	6	5	6
Package	Tube	Tape & Reel (TR)	Tube	Tube

PIC12F1822-I/SN Datasheet PDF

Download PIC12F1822-I/SN pdf datasheets and Microchip Technology documentation for PIC12F1822-I/SN - Microchip Technology.

Datasheets

[PIC12\(L\)F1822, PIC16\(L\)F1823.pdf](#)

PCN Packaging

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

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

PCN Design/Specification

 PIC12(L)F1822/PIC16(L)F1823 01/Jul/2020.pdf

PCN Assembly/Origin



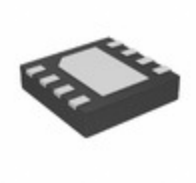
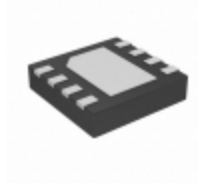





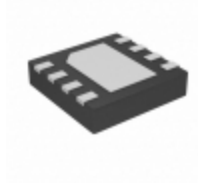

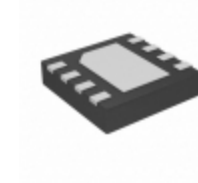



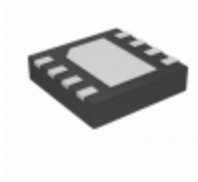

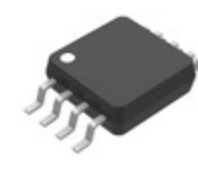
 2.73KHz.pdf

HTML Datasheet

 PIC12F1822, PIC16F182x Brief.pdf

Customers Also Interested in

Recommended Products

					
PIC12F1572T-I/SN Microchip Technology IC MCU 8BIT 3.5KB FLASH 8SOIC	PIC12F1840-I/SN Microchip Technology IC MCU 8BIT 7KB FLASH 8SOIC	PIC12F1572-I/RF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8UDFN	PIC12F1822T-E/MF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8DFN	PIC12F1572-I/SN Microchip Technology IC MCU 8BIT 3.5KB FLASH 8SOIC	PIC12F1840-E/SN Microchip Technology IC MCU 8BIT 7KB FLASH 8SOIC
					
PIC12F1840T-E/MF Micrel / Microchip Technology	PIC12F1822T-I/SN Microchip Technology IC MCU 8BIT 3.5KB FLASH 8SOIC	PIC12F1822T-E/SN Micrel / Microchip Technology	PIC12F1572T-I/MF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8DFN	PIC12F1822-E/SN Microchip Technology IC MCU 8BIT 3.5KB FLASH 8SOIC	PIC12F1840-I/MF Microchip Technology IC MCU 8BIT 7KB FLASH 8DFN
					
PIC12F1572T-E/MS Micrel / Microchip Technology	PIC12F1822T-I/MF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8DFN	PIC12F1840T-E/SN Micrel / Microchip Technology	PIC12F1822-E/MF Microchip Technology IC MCU 8BIT 3.5KB FLASH 8DFN	PIC12F1822-I/P Microchip Technology IC MCU 8BIT 3.5KB FLASH 8DIP	PIC12F1572T-I/MS Microchip Technology IC MCU 8BIT 3.5KB FLASH 8MSOP

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



View More

