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See specifications for product details.



PIC12F1572-I/SN

Manufacturer Part Number	PIC12F1572-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC12F1572-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 3.5KB FLASH 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	PIC12(L)F1571/2 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC12F1572-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology PIC12F1572-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for PIC12F1572-I/SN, please send us email: info@allelco.com

Specifications

PIC12F1572-I/SN Tech Specifications

PIC12F1572-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)	2.3V ~ 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® 12F	EEPROM Size	-
RAM Size	256 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	LINbus, UART/USART
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	PIC12F1572
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC12F1572-I/SN

Product Attribute				
Part Number	PIC12F1572-I/SN	PIC12F1822-I/SN	PIC12F1822-E/SN	PIC12F1572T-I/MF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
RAM Size	256 x 8	128 x 8	128 x 8	256 x 8
Program Memory Size	3.5KB (2K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-DFN (3x3)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Oscillator Type	Internal	Internal	Internal	Internal
Speed	32MHz	32MHz	32MHz	32MHz
Series	PIC® 12F	PIC® XLP™ 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
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-VDFN Exposed Pad
EEPROM Size	-	256 x 8	256 x 8	-
Number of I/O	6	6	6	6
Base Product Number	PIC12F1572	PIC12F1822	PIC12F1822	PIC12F1572
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	2.3V ~ 5.5V
Connectivity	LINbus, UART/USART	I ² C, LINbus, SPI, UART/USART	I ² C, LINbus, SPI, UART/USART	LINbus, UART/USART
Core Processor	PIC	PIC	PIC	PIC
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

PIC12F1572-I/SN Datasheet PDF

Download PIC12F1572-I/SN pdf datasheets and Microchip Technology documentation for PIC12F1572-I/SN - Microchip Technology.

Datasheets

[PIC12\(L\)F1571/2 Datasheet.pdf](#)

PCN Packaging


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

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


PCN Assembly/Origin

 2.73KHz.pdf

PCN Design/Specification

 PIC12(L)F1571/1572 27/Sep/2021.pdf

Errata

 PIC12(L)F1571/2 Errata.pdf

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Recommended Products



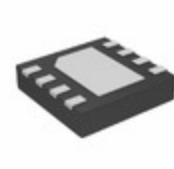
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Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC12F1822-E/SN
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC12F1572T-I/MF
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8DFN



PIC12F1571T-I/RF
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8UDFN



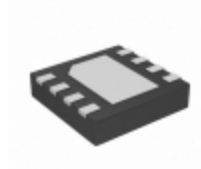
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Microchip Technology
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PIC12F1822-I/P
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8DIP



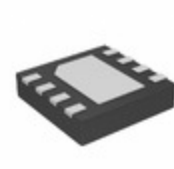
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Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8SOIC



PIC12F1822-E/MF
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8DFN



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Microchip Technology
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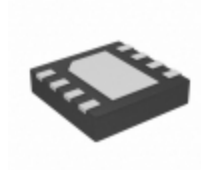
PIC12F1571T-I/SN
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8SOIC



PIC12F1572T-I/SN
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



PIC12F1572-I/MS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8MSOP



PIC12F1822T-E/MF
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8DFN



PIC12F1571-I/MS
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8MSOP



PIC12F1571T-E/RF
Micrel / Microchip Technology



PIC12F1572-E/SN
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 8SOIC



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 Alleco 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.

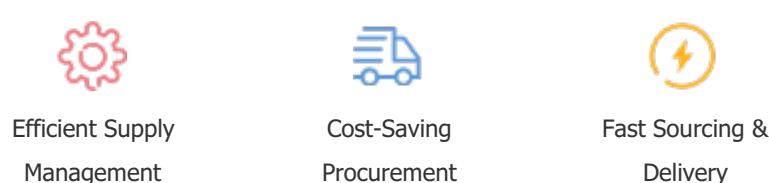
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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