

Image may be representation.
See specifications for product details.



PIC12F519-I/MC

Manufacturer Part Number	PIC12F519-I/MC
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC12F519-I/MC
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 1.5KB FLASH 8DFN
Package	8-VDFDN Exposed Pad
Data sheet	Tips N Tricks Guide.pdf PIC12F519.pdf PIC12F519 Product Brief.pdf PIC12F519 Programming Spec.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC12F519-I/MC - Microchip Technology. New Original in Stock. Download Linear Technology PIC12F519-I/MC datasheet/specifications on AllelcoElec.com. Request a quote for PIC12F519-I/MC, please send us email: info@allelco.com

Specifications

PIC12F519-I/MC Tech Specifications

PIC12F519-I/MC - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	8-DFN (2x3)	Number of I/O	5
Speed	8MHz	Mounting Type	Surface Mount
Series	PIC® 12F	EEPROM Size	-
RAM Size	41 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1.5KB (1K x 12)	Core Processor	PIC
Peripherals	POR, WDT	Connectivity	-
Package / Case	8-VDFDN Exposed Pad	Base Product Number	PIC12F519
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC12F519-I/MC

Product Attribute				
Part Number	PIC12F519-I/MC	PIC12F510T-I/MC	PIC12F510-I/P	PIC12F609-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Peripherals	POR, WDT	POR, WDT	POR, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	5	5	5	5
Supplier Device Package	8-DFN (2x3)	8-DFN (2x3)	8-PDIP	8-PDIP
Program Memory Size	1.5KB (1K x 12)	1.5KB (1K x 12)	1.5KB (1K x 12)	1.75KB (1K x 14)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	PIC12F519	PIC12F510	PIC12F510	PIC12F609
Connectivity	-	-	-	-
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Series	PIC® 12F	PIC® 12F	PIC® 12F	PIC® 12F
Package	Tube	Tape & Reel (TR)	Tube	Tube
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Core Processor	PIC	PIC	PIC	PIC
Package / Case	8-VDFDN Exposed Pad	8-VDFDN Exposed Pad	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)
Speed	8MHz	8MHz	8MHz	20MHz
Data Converters	-	A/D 4x8b	A/D 4x8b	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	41 x 8	38 x 8	38 x 8	64 x 8
EEPROM Size	-	-	-	-

PIC12F519-I/MC Datasheet PDF


Download PIC12F519-I/MC pdf datasheets and Microchip Technology documentation for PIC12F519-I/MC - Microchip Technology.

Datasheets


[Tips N Tricks Guide.pdf](#)


[PIC12F519.pdf](#)

[PIC12F519 Product Brief.pdf](#)

 PIC12F519 Programming Spec.pdf


PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

 Lead Frame Update 29/Jun/2015.pdf

 Mold Compound Update 18/Feb/2015.pdf

PCN Assembly/Origin

 Assembly Site 27/Jan/2021.pdf

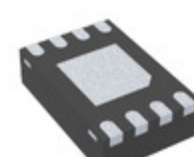
Customers Also Interested in

Recommended Products



PIC12F529T39A-I/ST

Microchip Technology
RF TX IC FSK 310/433MHZ 14TSSOP



PIC12F510T-I/MC

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8DFN



PIC12F510-I/P

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8DIP



PIC12F609-I/P

Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8DIP



PIC12F510T-I/SN

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8SOIC



PIC12F529T48A-I/ST

Microchip Technology
RF TX IC FSK 418/434MHZ 14TSSOP



PIC12F510-I/SNC06

Micrel / Microchip Technology



PIC12F510T-E/SN

Micrel / Microchip Technology



PIC12F519-I/MS

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8MSOP



PIC12F609T-E/MS

Micrel / Microchip Technology



PIC12F519-E/SN

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8SOIC



PIC12F5101-E/MS

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PIC12F510-I/SN

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8SOIC



PIC12F519/SN

Micrel / Microchip Technology



PIC12F510E

Micrel / Microchip Technology



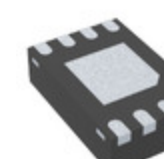
PIC12F609-I/SN

Microchip Technology
IC MCU 8BIT 1.75KB FLASH 8SOIC



PIC12F519-I/SN

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8SOIC



PIC12F519T-I/MC

Microchip Technology
IC MCU 8BIT 1.5KB FLASH 8DFN

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

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Certifications & Memberships



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