

Image may be representation.
See specifications for product details.



PIC16LF721-I/ML

Manufacturer Part Number **PIC16LF721-I/ML**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC16LF721-I/ML**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 8BIT 7KB FLASH 20QFN**

Package **20-VFQFN Exposed Pad**

Data sheet **[Next Generation Peripherals Brochure.pdf](#)**

[PIC16\(L\)F720/721 Datasheet.pdf](#)

[PIC16\(L\)F720/721 Prog Spec.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC16LF721-I/ML - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF721-I/ML datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16LF721-I/ML, please send us email: info@allelco.com

Specifications

PIC16LF721-I/ML Tech Specifications

PIC16LF721-I/ML - 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 ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	20-QFN (4x4)	Number of I/O	17
Speed	16MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	-
RAM Size	256 x 8	Data Converters	A/D 12x8b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	7KB (4K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	20-VFQFN Exposed Pad	Base Product Number	PIC16LF721
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF721-I/ML

Product Attribute				
Part Number	PIC16LF721-I/ML	PIC16LF72-I/SP	PIC16LF722T-I/ML	PIC16LF723-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 12x8b	A/D 5x8b	A/D 11x8b	A/D 11x8b
Number of I/O	17	22	25	25
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
Series	PIC® 16F	PIC® 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Core Processor	PIC	PIC	PIC	PIC
Package	Tube	Tube	Tape & Reel (TR)	Tube
Program Memory Size	7KB (4K x 14)	3.5KB (2K x 14)	3.5KB (2K x 14)	7KB (4K x 14)
Oscillator Type	Internal	External	Internal	Internal
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	I ² C, SPI, UART/USART	I ² C, SPI	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART
Base Product Number	PIC16LF721	PIC16LF72	PIC16LF722	PIC16LF723
Speed	16MHz	20MHz	20MHz	20MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	20-QFN (4x4)	28-SPDIP	28-QFN (6x6)	28-QFN (6x6)
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	2V ~ 5.5V	1.8V ~ 3.6V	1.8V ~ 3.6V
Package / Case	20-VFQFN Exposed Pad	28-DIP (0.300", 7.62mm)	28-VQFN Exposed Pad	28-VQFN Exposed Pad
RAM Size	256 x 8	128 x 8	128 x 8	192 x 8

PIC16LF721-I/ML Datasheet PDF

Download PIC16LF721-I/ML pdf datasheets and Microchip Technology documentation for PIC16LF721-I/ML - Microchip Technology.

PCN Packaging



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



[MBB/Label Chgs 16/Nov/2018.pdf](#)


HTML Datasheet

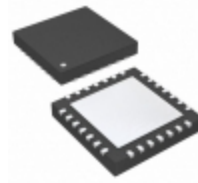
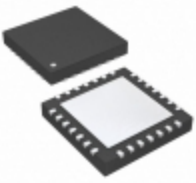
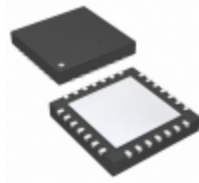








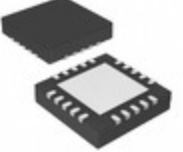




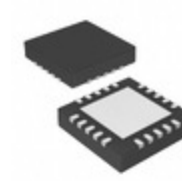

PCN Assembly/Origin

Qualification Report 28/Jan/2014.pdf

Customers Also Interested in

Recommended Products



 PIC16LF72-I/SP Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SPDIP	 PIC16LF722T-I/ML Microchip Technology IC MCU 8BIT 3.5KB FLASH 28QFN	 PIC16LF723-I/ML Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	 PIC16LF72-I/ML Microchip Technology IC MCU 8BIT 3.5KB FLASH 28QFN	 PIC16LF722T-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SSOP	 PIC16LF722-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SSOP
 PIC16LF721-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	 PIC16LF723-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	 PIC16LF628A-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	 PIC16LF72-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SSOP	 PIC16LF628AT-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP	 PIC16LF720-E/ML Microchip Technology IC MCU 8BIT 3.5KB FLASH 20QFN
 PIC16LF722A-I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 28SSOP	 PIC16LF723-I/SO Microchip Technology IC MCU 8BIT 7KB FLASH 28SOIC	 PIC16LF648A-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 20SSOP	 PIC16LF723A-I/SS Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	 PIC16LF720T-I/ML Microchip Technology IC MCU 8BIT 3.5KB FLASH 20QFN	 PIC16LF628T-04I/SS Microchip Technology IC MCU 8BIT 3.5KB FLASH 20SSOP

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
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Contact us if you have any questions.

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Certifications & Memberships



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