



Image may be representation.
See specifications for product details.



PIC16LF1936-I/SS

Manufacturer Part Number	PIC16LF1936-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF1936-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC16(L)F1934,6,7 Datasheet.pdf PIC16(L)F19xx Programming Spec.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF1936-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1936-I/SS datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16LF1936-I/SS, please send us email: info@allelco.com

Specifications

PIC16LF1936-I/SS Tech Specifications

PIC16LF1936-I/SS - 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	28-SSOP	Number of I/O	25
Speed	32MHz	Mounting Type	Surface Mount
Series	PIC® XLP™ 16F	EEPROM Size	256 x 8
RAM Size	512 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16LF1936
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1936-I/SS

Product Attribute				
Part Number	PIC16LF1936-I/SS	PIC16LF1938T-I/SS	PIC16LF1939-E/MV	PIC16LF1938-I/ML
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	28-SSOP	28-SSOP	40-UQFN (5x5)	28-QFN (6x6)
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Brown-out Detect/Reset, LCD, POR, PWM, WDT
Base Product Number	PIC16LF1936	PIC16LF1938	PIC16LF1939	PIC16LF1938
Package / Case	28-SSOP (0.209", 5.30mm Width)	28-SSOP (0.209", 5.30mm Width)	40-UFQFN Exposed Pad	28-VQFN Exposed Pad
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 11x10b	A/D 11x10b	A/D 14x10b	A/D 11x10b
Package	Tube	Tape & Reel (TR)	Tube	Tube
Number of I/O	25	25	36	25
Program Memory Size	14KB (8K x 14)	28KB (16K x 14)	28KB (16K x 14)	28KB (16K x 14)
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
RAM Size	512 x 8	1K x 8	1K x 8	1K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Speed	32MHz	32MHz	32MHz	32MHz
Core Processor	PIC	PIC	PIC	PIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F

PIC16LF1936-I/SS Datasheet PDF

Download PIC16LF1936-I/SS pdf datasheets and Microchip Technology documentation for PIC16LF1936-I/SS - Microchip Technology.

Datasheets

[PIC16\(L\)F1934,6,7 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



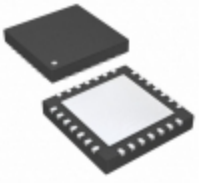
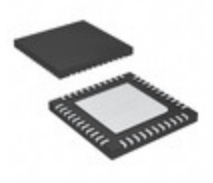
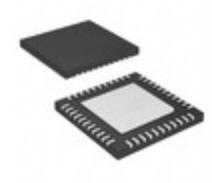

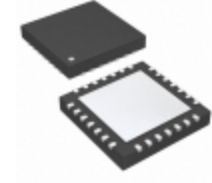
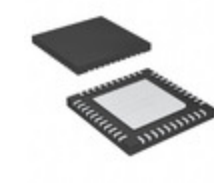
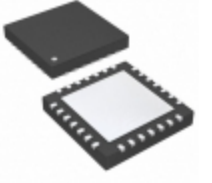








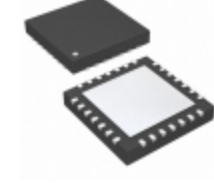
 Cylindrical Battery Holders.pdf

HTML Datasheet

 PIC16(L)F19xx Programming Spec.pdf

Customers Also Interested in

Recommended Products

					
PIC16LF1938T-I/SS	PIC16LF1939-E/MV	PIC16LF1938-I/ML	PIC16LF1934-I/ML	PIC16LF1937-I/ML	PIC16LF1933-I/SS
Microchip Technology IC MCU 8BIT 28KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 28KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 28KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 7KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 14KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP
					
PIC16LF1933-I/MV	PIC16LF1937T-I/ML	PIC16LF1933-I/ML	PIC16LF1936T-I/SS	PIC16LF1933-I/SO	PIC16LF1934-I/PT
Microchip Technology IC MCU 8BIT 7KB FLASH 28UQFN	Microchip Technology IC MCU 8BIT 14KB FLASH 44QFN	Microchip Technology IC MCU 8BIT 7KB FLASH 28QFN	Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 7KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 7KB FLASH 44TQFP
					
PIC16LF1937-I/MV	PIC16LF1936-E/SS	PIC16LF1936-I/SO	PIC16LF1937-I/PT	PIC16LF1933T-I/SS	PIC16LF1936-I/ML
Microchip Technology IC MCU 8BIT 14KB FLASH 40UQFN	Microchip Technology IC MCU 8BIT 14KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 14KB FLASH 28SOIC	Microchip Technology IC MCU 8BIT 14KB FLASH 44TQFP	Microchip Technology IC MCU 8BIT 7KB FLASH 28SSOP	Microchip Technology IC MCU 8BIT 14KB FLASH 28QFN

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.



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-  Fast Sourcing & Delivery

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Certifications & Memberships



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