



Image may be representation.
See specifications for product details.



PIC16LF1933T-I/SS

Manufacturer Part Number	PIC16LF1933T-I/SS
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16LF1933T-I/SS
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 7KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC16(L)F1933 Datasheet.pdf PIC16(L)F19xx Programming Spec.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16LF1933T-I/SS - Microchip Technology. New Original in Stock. Download Linear Technology PIC16LF1933T-I/SS datasheet/specifications on AllelcoElec.com. Request a quote for PIC16LF1933T-I/SS, please send us email: info@allelco.com

Specifications

PIC16LF1933T-I/SS Tech Specifications
PIC16LF1933T-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	256 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	7KB (4K 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	PIC16LF1933
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16LF1933T-I/SS

Product Attribute				
Part Number	PIC16LF1933T-I/SS	PIC16LF1934-I/PT	PIC16LF1936-I/ML	PIC16LF19195-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	A/D 11x10b	A/D 14x10b	A/D 11x10b	A/D 45x12b; D/A 1x5b
Number of I/O	25	36	25	59
Base Product Number	PIC16LF1933	PIC16LF1934	PIC16LF1936	PIC16LF19195
Series	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Package	Tape & Reel (TR)	Tray	Tube	Tray
EEPROM Size	256 x 8	256 x 8	256 x 8	256 x 8
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	256 x 8	256 x 8	512 x 8	1K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	7KB (4K x 14)	7KB (4K x 14)	14KB (8K x 14)	14KB (8K x 14)
Package / Case	28-SSOP (0.209", 5.30mm Width)	44-TQFP	28-VQFN Exposed Pad	64-TQFP
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
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Core Processor	PIC	PIC	PIC	PIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	28-SSOP	44-TQFP (10x10)	28-QFN (6x6)	64-TQFP (10x10)
Oscillator Type	Internal	Internal	Internal	Internal
Speed	32MHz	32MHz	32MHz	32MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

PIC16LF1933T-I/SS Datasheet PDF

Download PIC16LF1933T-I/SS pdf datasheets and Microchip Technology documentation for PIC16LF1933T-I/SS - Microchip Technology.

PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

HTML Datasheet



PIC16(L)F1933 Datasheet.pdf



PIC16(L)F19xx Programming Spec.pdf

PCN Assembly/Origin



2.73KHz.pdf

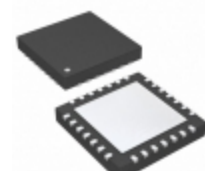
Customers Also Interested in

Recommended Products



PIC16LF1934-I/PT

Microchip Technology
IC MCU 8BIT 7KB FLASH 44TQFP



PIC16LF1936-I/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SQFN



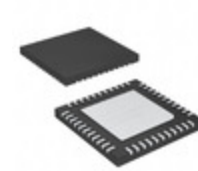
PIC16LF19195-I/PT

Microchip Technology
FLASH



PIC16LF1904-I/P

Microchip Technology
IC MCU 8BIT 7KB FLASH 40DIP



PIC16LF1937-I/ML

Microchip Technology
IC MCU 8BIT 14KB FLASH 44QFN



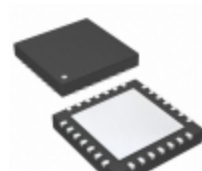
PIC16LF1936-E/SS

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



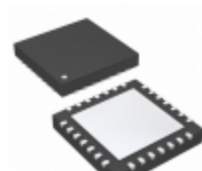
PIC16LF1937-I/MV

Microchip Technology
IC MCU 8BIT 14KB FLASH 40UQFN



PIC16LF1936-I/SS

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



PIC16LF1933-I/MV

Microchip Technology
IC MCU 8BIT 7KB FLASH 28UQFN



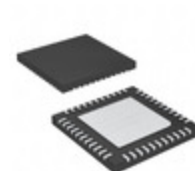
PIC16LF1933-I/SO

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IC MCU 8BIT 7KB FLASH 28SOIC



PIC16LF1936-I/SO

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC



PIC16LF1934-I/ML

Microchip Technology
IC MCU 8BIT 7KB FLASH 44QFN



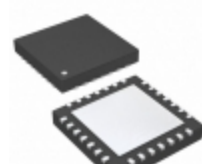
PIC16LF1937-I/PT

Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



PIC16LF1936T-I/SS

Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP



PIC16LF1933-I/ML

Microchip Technology
IC MCU 8BIT 7KB FLASH 28QFN



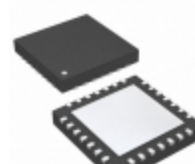
PIC16LF19197-I/PT

Microchip Technology
FLASH



PIC16LF1933-I/SS

Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



PIC16LF1906-I/MV

Microchip Technology
IC MCU 8BIT 14KB FLASH 28UQFN

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



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