

Image may be representation.
See specifications for product details.



PIC16F630-I/ST

Manufacturer Part Number	PIC16F630-I/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F630-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 8BIT 1.75KB FLASH 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	MPLAB® ICE2000 Spec.pdf Tips N Tricks Guide.pdf PIC12F629,675, PIC16F630,676 Programming.pdf PIC16F630, 676.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

PIC16F630-I/ST - Microchip Technology.New Original in Stock. Download Linear Technology PIC16F630-I/ST datasheet/specifications on AllelcoElec.com.
Request a quote for PIC16F630-I/ST, please send us email: info@allelco.com

Specifications

PIC16F630-I/ST Tech Specifications

PIC16F630-I/ST - 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	14-TSSOP	Number of I/O	12
Speed	20MHz	Mounting Type	Surface Mount
Series	PIC® 16F	EEPROM Size	128 x 8
RAM Size	64 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	1.75KB (1K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, WDT	Connectivity	-
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Base Product Number	PIC16F630
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F630-I/ST

Product Attribute				
Part Number	PIC16F630-I/ST	PIC16F630T-I/SL	PIC16F636-I/P	PIC16F631-I/SO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	-	-	-	-
Peripherals	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, POR, WDT	Brown-out Detect/Reset, LVD, POR, WDT	Brown-out Detect/Reset, POR, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Base Product Number	PIC16F630	PIC16F630	PIC16F636	PIC16F631
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	14-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
RAM Size	64 x 8	64 x 8	128 x 8	64 x 8
Series	PIC® 16F	PIC® 16F	PIC® 16F	PIC® 16F
Program Memory Size	1.75KB (1K x 14)	1.75KB (1K x 14)	3.5KB (2K x 14)	1.75KB (1K x 14)
Data Converters	-	-	-	-
Speed	20MHz	20MHz	20MHz	20MHz
Number of I/O	12	12	11	18
Package	Tube	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	14-TSSOP	14-SOIC	14-PDIP	20-SOIC
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	PIC	PIC	PIC	PIC
EEPROM Size	128 x 8	128 x 8	-	128 x 8
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount

PIC16F630-I/ST Datasheet PDF

Download PIC16F630-I/ST pdf datasheets and Microchip Technology documentation for PIC16F630-I/ST - Microchip Technology.

Datasheets

[MPLAB® ICE2000 Spec.pdf](#)

[Tips N Tricks Guide.pdf](#)

[PIC12F629,675, PIC16F630,676 Programming.pdf](#)

PIC16F630, 676.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

Lead Frame 10/Jan/2017.pdf

Lead Frame Cancel 08/Feb/2017.pdf

Customers Also Interested in

Recommended Products



PIC16F628A-I
MIC



PIC16F630T-I/SL
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 14SOIC



PIC16F636-I/P
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14DIP



PIC16F631-I/SO
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 20SOIC



PIC16F628-20I/SS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 20SSOP



PIC16F628A-I/P
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 18DIP



PIC16F630-I/P
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 14DIP



PIC16F628A-I/SO
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 18SOIC



PIC16F631-I/SS
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 20SSOP



PIC16F630-I/SL
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 14SOIC



PIC16F636T-I/ST
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14TSSOP



PIC16F628A-E/SS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 20SSOP



PIC16F636-I/ST
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14TSSOP



PIC16F636-I/SL
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 14SOIC



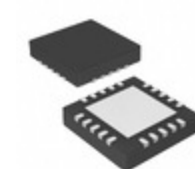
PIC16F631T-I/SS
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 20SSOP



PIC16F628A-I/SS
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 20SSOP



PIC16F628AT-I/SO
Microchip Technology
IC MCU 8BIT 3.5KB FLASH 18SOIC



PIC16F631-I/ML
Microchip Technology
IC MCU 8BIT 1.75KB FLASH 20QFN

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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