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See specifications for product details.



PIC16F15356T-E/SSVAO

Manufacturer Part Number	PIC16F15356T-E/SSVAO
Manufacturer	Microchip Technology
Allelco Part Number	32D-PIC16F15356T-E/SSVAO
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 28KB FLASH 28SSOP
Package	28-SSOP (0.209", 5.30mm Width)
Data sheet	PIC16F15356T-E/SSVAO.pdf

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Specifications

PIC16F15356T-E/SSVAO Tech Specifications

PIC16F15356T-E/SSVAO - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	28-SSOP	Number of I/O	25
Speed	32MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, PIC® 16F	EEPROM Size	-
RAM Size	2K x 8	Data Converters	A/D 24x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	28KB (16K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	28-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16F15356
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15356T-E/SSVAO

Product Attribute				
Part Number	PIC16F15356T-E/SSVAO	PIC16F15375-E/PT	PIC16F15356T-I/SSVAO	PIC16F15376-I/PT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Speed	32MHz	32MHz	32MHz	32MHz
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	-	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	PIC16F15356	PIC16F15375	PIC16F15356	PIC16F15376
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
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Series	Automotive, AEC-Q100, PIC® 16F	PIC® XLP™ 16F	Automotive, AEC-Q100, PIC® 16F	PIC® XLP™ 16F
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Number of I/O	25	36	25	36
Package / Case	28-SSOP (0.209", 5.30mm Width)	44-TQFP	28-SSOP (0.209", 5.30mm Width)	44-TQFP
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	PIC	PIC	PIC	PIC
Program Memory Size	28KB (16K x 14)	14KB (8K x 14)	28KB (16K x 14)	28KB (16K x 14)
RAM Size	2K x 8	1K x 8	2K x 8	2K x 8
Supplier Device Package	28-SSOP	44-TQFP (10x10)	28-SSOP	44-TQFP (10x10)
Data Converters	A/D 24x10b; D/A 1x5b	A/D 35x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 35x10b; D/A 1x5b

PIC16F15356T-E/SSVAO Datasheet PDF

Download PIC16F15356T-E/SSVAO pdf datasheets and Microchip Technology documentation for PIC16F15356T-E/SSVAO - Microchip Technology.

PCN Design/Specification

PIC16(L)F15313/23 16/Feb/2022.pdf

PIC16(L)F15356/75/76/85/86 17/Mar/2022.pdf

Customers Also Interested in

Recommended Products



PIC16F15375-E/PT
Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



PIC16F15356T-I/SSVAO
Microchip Technology
IC MCU 8BIT 28KB FLASH 28SSOP



PIC16F15376-I/PT
Microchip Technology
IC MCU 8BIT 28KB FLASH 44TQFP



PIC16F15355T-I/SS
Microchip Technology
IC MCU 8BIT 14KB FLASH 28SSOP

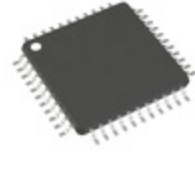


PIC16F15375-I/PT
Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP

PIC16F15376T-I/MV
Microchip Technology
IC MCU 8BIT 28KB FLASH 40UQFN



PIC16F15375T-I/PT
Microchip Technology
IC MCU 8BIT 14KB FLASH 44TQFP



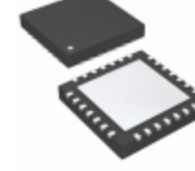
PIC16F15376T-I/PTVAO
Microchip Technology
IC MCU 8BIT 28KB FLASH 44TQFP



PIC16F15354-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



PIC16F15355-I/SO
Microchip Technology
IC MCU 8BIT 14KB FLASH 28SOIC



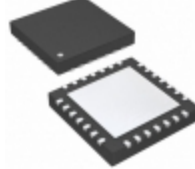
PIC16F15356-I/ML
Microchip Technology
IC MCU 8BIT 28KB FLASH 28QFN



PIC16F15354-E/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



PIC16F15354T-I/SS
Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP



PIC16F15355-E/MV
Microchip Technology
IC MCU 8BIT 14KB FLASH 28UQFN



PIC16F15375-E/MVVAO
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IC MCU 8BIT 14KB FLASH 40UQFN



PIC16F15355-I/SS
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PIC16F15376-I/MV
Microchip Technology
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PIC16F15354T-E/SSVAO
Microchip Technology
IC MCU 8BIT 7KB FLASH 28SSOP

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

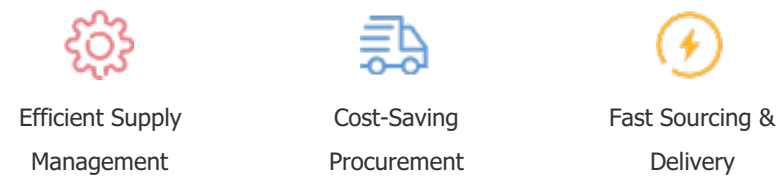
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

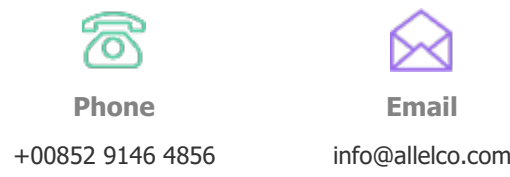
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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