



Image may be representation.  
See specifications for product details.



## PIC16F15345T-E/SSVAO

Manufacturer Part Number	<b>PIC16F15345T-E/SSVAO</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-PIC16F15345T-E/SSVAO
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 14KB FLASH 20SSOP
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	PIC16F15345T-E/SSVAO.pdf

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### Specifications

PIC16F15345T-E/SSVAO Tech Specifications  
PIC16F15345T-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	20-SSOP	Number of I/O	18
Speed	32MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, PIC® 16F	EEPROM Size	-
RAM Size	1K x 8	Data Converters	A/D 17x10b; D/A 1x5b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	14KB (8K x 14)	Core Processor	PIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, LINbus, SPI, UART/USART
Package / Case	20-SSOP (0.209", 5.30mm Width)	Base Product Number	PIC16F15345
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC16F15345T-E/SSVAO

Product Attribute				
Part Number	PIC16F15345T-E/SSVAO	<b>PIC16F15344-I/SS</b>	<b>PIC16F15355-E/MV</b>	<b>PIC16F15354-I/SS</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART
Speed	32MHz	32MHz	32MHz	32MHz
Core Processor	PIC	PIC	PIC	PIC
Series	Automotive, AEC-Q100, PIC® 16F	PIC® XLP™ 16F	PIC® XLP™ 16F	PIC® XLP™ 16F
Package / Case	20-SSOP (0.209", 5.30mm Width)	20-SSOP (0.209", 5.30mm Width)	28-UQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)
EEPROM Size	-	-	-	-
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Oscillator Type	Internal	Internal	Internal	Internal
Supplier Device Package	20-SSOP	20-SSOP	28-UQFN (4x4)	28-SSOP
Base Product Number	PIC16F15345	PIC16F15344	PIC16F15355	PIC16F15354
Data Converters	A/D 17x10b; D/A 1x5b	A/D 17x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b	A/D 24x10b; D/A 1x5b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	18	18	25	25
Package	Tape & Reel (TR)	Tube	Tube	Tube
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
Program Memory Size	14KB (8K x 14)	7KB (4K x 14)	14KB (8K x 14)	7KB (4K x 14)
RAM Size	1K x 8	512 x 8	1K x 8	512 x 8
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### PIC16F15345T-E/SSVAO Datasheet PDF

Download PIC16F15345T-E/SSVAO pdf datasheets and Microchip Technology documentation for PIC16F15345T-E/SSVAO - Microchip Technology.

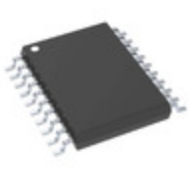
### PCN Design/Specification

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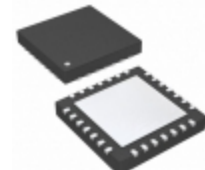
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### Customers Also Interested in

### Recommended Products



**PIC16F15344-I/SS**  
Microchip Technology  
IC MCU 8BIT 7KB FLASH 20SSOP



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



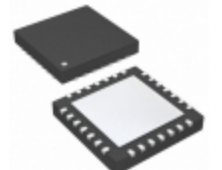
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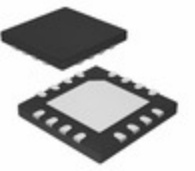
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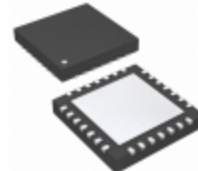
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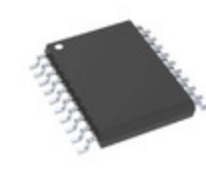
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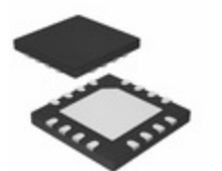
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IC MCU 8BIT 7KB FLASH 20SSOP



**PIC16F15325-I/JQ**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 16UQFN

## 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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### Contact us

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