

PIC16F505-E/ST



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See Product Specifications for product details.
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Part Number: [PIC16F505-E/ST](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP

Data sheet:  [PIC16F505 Programming Spec](#)
 [PIC12F508/9, PIC16F505](#)
 [Tips N Tricks Guide](#)
 [PIC16F505 Revision A Errata](#)

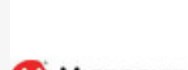
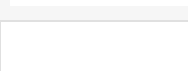
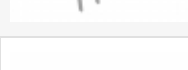
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F505-E/ST	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.5KB FLASH 14TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81482 pcs	Data sheet	PIC16F505 Programming Spec PIC12F508/9, PIC16F505 Tips N Tricks Guide PIC16F505 Revision A Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	14-TSSOP	Speed	20MHz
Series	PIC® 16F	RAM Size	72 x 8
Program Memory Type	FLASH	Program Memory Size	1.5KB (1K x 12)
Peripherals	POR, WDT	Packaging	Tube
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	11
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	13 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 1.5KB (1K x 12) FLASH 14-TSSOP	Data Converters	-
Core Size	8-Bit	Core Processor	PIC
Connectivity	-	Base Part Number	PIC16F505
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	Part#: PIC16F1947T-I/PT Description: IC MCU 8BIT 28KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F505T-I/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F505-I/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Microchip Technology	RFQ
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