

PIC16F506-I/ST



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See Product Specifications for product details.
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Part Number: [PIC16F506-I/ST](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP

Data sheet:  [PIC1xF5xx](#)
 [PIC16F506 Programming Spec](#)
 [PIC16F506 Revision B Errata](#)
 [Tips N Tricks Guide](#)
 [PIC16F506 Errata & Data Sheet Clarification](#)

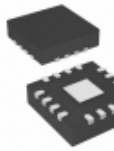
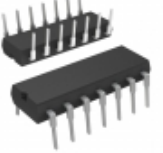
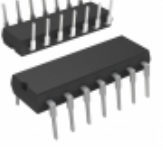
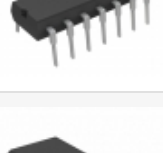
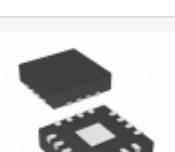
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F506-I/ST	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.5KB FLASH 14TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	93942 pcs	Data sheet	PIC1xF5xx PIC16F506 Programming Spec PIC16F506 Revision B Errata Tips N Tricks Guide PIC16F506 Errata & Data Sheet Clarification
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	67 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)	Other Names	PIC16F506IST
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°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	A/D 4x8b	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC16F506		
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	Part#: PIC16F526-E/P Description: IC MCU 8BIT 1.5KB FLASH 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F526-I/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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