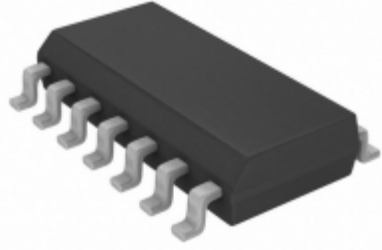


PIC16F506-I/SL



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16F506-I/SL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 14SOIC

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

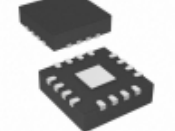
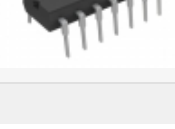
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	PIC16F506-I/SL	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.5KB FLASH 14SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	102579 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-SOIC	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-SOIC (0.154", 3.90mm Width)	Other Names	PIC16F506ISL
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	5 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-SOIC
Data Converters	A/D 4x8b	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC16F506		
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	Part#: PIC16F505T-I/ST Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F526-I/MG Description: IC MCU 8BIT 1.5KB FLASH 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F506-E/MG Description: IC MCU 8BIT 1.5KB FLASH 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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