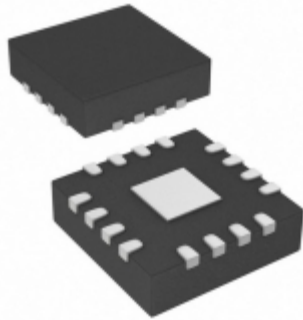


PIC16F506-I/MG



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

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 16QFN

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

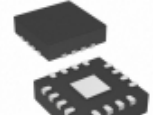
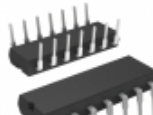
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F506-I/MG	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.5KB FLASH 16QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	64710 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	16-QFN-EP (3x3)	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	16-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	11
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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 16-QFN-EP (3x3)
Data Converters	A/D 4x8b	Core Size	8-Bit
Core Processor	PIC	Connectivity	-
Base Part Number	PIC16F506		
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	Part#: PIC16F506T-I/MG Description: IC MCU 8BIT 1.5KB FLASH 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F505T-I/MG Description: IC MCU 8BIT 1.5KB FLASH 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F506T-I/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F505T-I/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F526-E/SL Description: IC MCU 8BIT 1.5KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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