

MC56F8006VLF



Part Number: [MC56F8006VLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 16KB FLASH 48LQFP

Data sheet:  [MC56F8002/8006](#)

RoHs Status: Lead free / RoHS Compliant

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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MC56F8006VLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	34332 pcs	Data sheet	MC56F8002/8006
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	32MHz
Series	56F8xxx	RAM Size	1K x 16
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935324297557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	56800E 56F8xxx Microcontroller IC 16-Bit 32MHz 16KB (8K x 16) FLASH 48-LQFP (7x7)
Data Converters	A/D 24x12b	Core Size	16-Bit
Core Processor	56800E	Connectivity	I²C, LINbus, SCI, SPI
Base Part Number	MC56F8006		
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	Part#: MC56F8013MFAE Description: IC MCU 16BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8006DEMO Description: DEMO BOARD FOR MC56F8006	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8023VLCR Description: 16-BIT DSC 56800E CORE 32KB FL	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8006VWLR Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
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