

MC56F8013MFAE



Part Number: [MC56F8013MFAE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 16KB FLASH 32LQFP

Data sheet:  [MC56F8011/8013](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MC56F8013MFAE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15546 pcs	Data sheet	MC56F8011/8013
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	32-LQFP (7x7)	Speed	32MHz
Series	56F8xxx	RAM Size	2K x 16
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	935322601557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 32-LQFP (7x7)	Data Converters	A/D 6x12b
Core Size	16-Bit	Core Processor	56800E
Connectivity	I ² C, SCI, SPI	Base Part Number	MC56F8013
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	Part#: MC56F8006VWLR Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8023VLC Description: IC MCU 16BIT 32KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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