

MC56F8037MLH



Part Number: [MC56F8037MLH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 64KB FLASH 64LQFP

Data sheet:  [840F-02 Pkg Drawing](#)
 [MC56F8027/8037](#)

RoHs Status: Lead free / RoHS Compliant

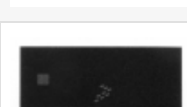
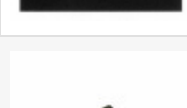
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PRODUCT PARAMETER			
Part Number	MC56F8037MLH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10430 pcs	Data sheet	840F-02 Pkg Drawing MC56F8027/8037
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	32MHz
Series	56F8xxx	RAM Size	4K x 16
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	568-14094 935324848557 MC56F8037MLH-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	53	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 64KB (32K x 16) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b; D/A 2x12b
Core Size	16-Bit	Core Processor	56800E
Connectivity	CANbus, I ² C, SCI, SPI	Base Part Number	MC56F8037
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	Part#: MC56F8037VLHR Description: IC MCU 16BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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