

MC56F8257MLH



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Part Number: [MC56F8257MLH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 64KB FLASH 64LQFP

Data sheet:  [MC56F825x,824x Ref Manual](#)
 [840F-02 Pkg Drawing](#)
 [MC56F82xx Fact Sheet](#)
 [MC56F825x/MC56F824x Errata](#)
 [MC56F825x/824x Datasheet](#)
 [MC56F825x/824x Product Brief](#)

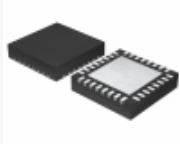
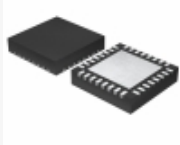
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC56F8257MLH	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17551 pcs	Data sheet	MC56F825x,824x Ref Manual 840F-02 Pkg Drawing MC56F82xx Fact Sheet MC56F825x/MC56F824x Errata MC56F825x/824x Datasheet MC56F825x/824x Product Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-LQFP (10x10)	Speed	60MHz
Series	56F8xxx	RAM Size	4K x 16
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	935314294557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	54	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 60MHz 64KB (32K x 16) FLASH 64-LQFP (10x10)
Data Converters	A/D 16x12b, D/A 1x12b	Core Size	16-Bit
Core Processor	56800E	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Base Part Number	MC56F8257		
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	Part#: MC56F82736VLF Description: IC MCU 32BIT 48KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F82726VLFR Description: IC MCU 32BIT 32KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8246VLFR Description: 16-BIT DSC 56800E CORE 48KB FL	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8247MLH Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8246MLFR Description: 16-BIT DSC 56800E CORE 48KB FL	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC56F82733VLC Description: IC MCU 32BIT 48KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F82733MFM Description: 32-BIT DSC 56800EX CORE 48KB F	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F82728VLH Description: IC MCU 32BIT 32KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8247VLHR Description: 16-BIT DSC 56800E CORE 48KB FL	Manufacturers: NXP Semiconductors / Freescale	RFQ

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