

MC56F84442VLHR



Part Number: [MC56F84442VLHR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 64KB FLASH 64LQFP

Data sheet:  [840F-02 Pkg Drawing](#)
 [MC56F844xx Advance Information](#)

RoHs Status: Lead free / RoHS Compliant

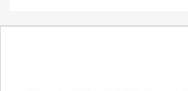
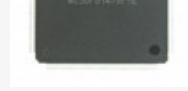
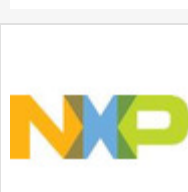
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PRODUCT PARAMETER			
Part Number	MC56F84442VLHR	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 64KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22363 pcs	Data sheet	840F-02 Pkg Drawing MC56F844xx Advance Information
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	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-LQFP	Other Names	935320344528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	54	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	56800EX 56F8xxx Microcontroller IC 32-Bit 60MHz 64KB (64K x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 16x12b, 8x16b
Core Size	32-Bit	Core Processor	56800EX
Connectivity	CANbus, I ² C, LINbus, SCI, SPI		
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	Part#: MC56F84565VLKR Description: 32-BIT DSC 56800EX CORE 128KB	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F84441VLF Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC56F84550VLFR Description: IC MCU 32BIT 96KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC56F84543VLH Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8367MPYE Description: IC MCU 16BIT 512KB FLASH 160LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8366MFVE Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MC56F84553VLH Description: IC MCU 32BIT 96KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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