

MC56F82316VLF



Part Number: [MC56F82316VLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 16KB FLASH 48LQFP

Data sheet:  [MC56F823xx Datasheet](#)
 [MC56F827,823 Brief](#)

RoHs Status: Lead free / RoHS Compliant

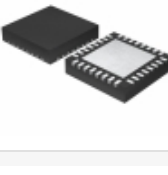
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PRODUCT PARAMETER			
Part Number	MC56F82316VLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 16KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26513 pcs	Data sheet	MC56F823xx Datasheet MC56F827,823 Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	50MHz
Series	56F8xxx	RAM Size	2K x 16
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	935314921557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	39	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	56800EX 56F8xxx Microcontroller IC 32-Bit 50MHz 16KB (8K x 16) FLASH 48-LQFP (7x7)	Data Converters	A/D 10x12b; D/A 2x12b
Core Size	32-Bit	Core Processor	56800EX
Connectivity	I ² C, SCI, SPI	Base Part Number	MC56F82316
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	Part#: MC56F8246MLFR Description: 16-BIT DSC 56800E CORE 48KB FL	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F82313VLC Description: IC MCU 32BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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