

MC56F84451VLF



Part Number: [MC56F84451VLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 96KB FLASH 48LQFP

Data sheet:  [MC56F844x,5x,7x Product Brief](#)
 [MC56F84yyy Fact Sheet](#)
 [MC56F844xx Advance Information](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC56F84451VLF	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 96KB FLASH 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23190 pcs	Data sheet	MC56F844x,5x,7x Product Brief MC56F84yyy Fact Sheet MC56F844xx Advance Information
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	48-LQFP (7x7)	Speed	60MHz
Series	56F8xxx	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-LQFP	Other Names	568-14376 935317606557 MC56F84451VLF-ND
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	2K x 8
Detailed Description	56800EX 56F8xxx Microcontroller IC 32-Bit 60MHz 96KB (96K x 8) FLASH 48-LQFP (7x7)	Data Converters	A/D 10x10b
Core Size	32-Bit	Core Processor	56800EX
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	Base Part Number	MC56F844
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