

MC56F8157VVFE



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Part Number: [MC56F8157VVFE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 256KB FLASH 160BGA

Data sheet:

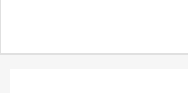
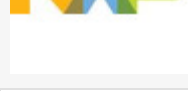
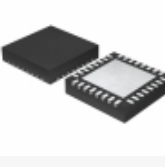
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MC56F8157VVFE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 256KB FLASH 160BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4887 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.25 V ~ 3.6 V
Supplier Device Package	160-MAPBGA (15x15)	Speed	40MHz
Series	56F8xxx	RAM Size	8K x 16
Program Memory Type	FLASH	Program Memory Size	256KB (128K x 16)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	160-BGA	Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	76
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 40MHz 256KB (128K x 16) FLASH 160-MAPBGA (15x15)
Data Converters	A/D 16x12b	Core Size	16-Bit
Core Processor	56800E	Connectivity	EBI/EMI, SCI, SPI
Base Part Number	MC56F8157		
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