

MC56F8365VFGE



Part Number: [MC56F8365VFGE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 512KB FLASH 128LQFP

Data sheet:  [MC56F8165/8365](#)

RoHs Status: Lead free / RoHS Compliant

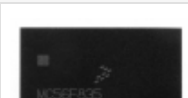
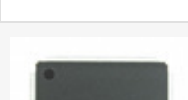
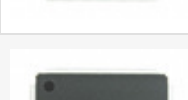
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PRODUCT PARAMETER			
Part Number	MC56F8365VFGE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 512KB FLASH 128LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3053 pcs	Data sheet	MC56F8165/8365
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.25 V ~ 3.6 V
Supplier Device Package	128-LQFP (14x20)	Speed	60MHz
Series	56F8xxx	RAM Size	18K x 16
Program Memory Type	FLASH	Program Memory Size	512KB (256K x 16)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	128-LQFP	Other Names	935313462557
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	49	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	56800E 56F8xxx Microcontroller IC 16-Bit 60MHz 512KB (256K x 16) FLASH 128-LQFP (14x20)
Data Converters	A/D 16x12b	Core Size	16-Bit
Core Processor	56800E	Connectivity	CANbus, EBI/EMI, SCI, SPI
Base Part Number	MC56F8365		
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	Part#: MC56F8366VFVE Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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