

MC56F8356MFVE



Part Number: [MC56F8356MFVE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 256KB FLASH 144LQFP

Data sheet:  [MC56F8156/8356](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC56F8356MFVE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 256KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3942 pcs	Data sheet	MC56F8156/8356
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.25 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	60MHz
Series	56F8xxx	RAM Size	10K x 16
Program Memory Type	FLASH	Program Memory Size	256KB (128K x 16)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935320986557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	62	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 256KB (128K x 16) FLASH 144-LQFP (20x20)
Data Converters	A/D 16x12b	Core Size	16-Bit
Core Processor	56800E	Connectivity	CANbus, EBI/EMI, SCI, SPI
Base Part Number	MC56F8356		
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	Part#: MC56F8347VPYE Description: IC MCU 16BIT 128KB FLASH 160LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MC56F8366VFVE Description: IC MCU 16BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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