

## MC56F8367MPYE



**Part Number:** [MC56F8367MPYE](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 16BIT 512KB FLASH 160LQFP  
**Data sheet:** [MC56F8167/8367](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	MC56F8367MPYE	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 16BIT 512KB FLASH 160LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	2526 pcs	<b>Data sheet</b>	<a href="#">MC56F8167/8367</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.25 V ~ 3.6 V
<b>Supplier Device Package</b>	160-LQFP (24x24)	<b>Speed</b>	60MHz
<b>Series</b>	56F8xxx	<b>RAM Size</b>	18K x 16
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	512KB (256K x 16)
<b>Peripherals</b>	POR, PWM, Temp Sensor, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	160-LQFP	<b>Other Names</b>	935320997557
<b>Oscillator Type</b>	External	<b>Operating Temperature</b>	-40°C ~ 125°C (TA)
<b>Number of I/O</b>	76	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	10 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	56800E 56F8xxx Microcontroller IC 16-Bit 60MHz 512KB (256K x 16) FLASH 160-LQFP (24x24)
<b>Data Converters</b>	A/D 16x12b	<b>Core Size</b>	16-Bit
<b>Core Processor</b>	56800E	<b>Connectivity</b>	CANbus, EBI/EMI, SCI, SPI
<b>Base Part Number</b>	MC56F8367		

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	<b>Part#:</b> <a href="#">MC56F84442VLHR</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84462VLH</a> <b>Description:</b> IC MCU 32BIT 128KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8367EVM</a> <b>Description:</b> BOARD EVALUATION MC56F8367	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84540VLF</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8357VFE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 160BGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8367VFE</a> <b>Description:</b> IC MCU 16BIT 512KB FLASH 160BGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8366MFVE</a> <b>Description:</b> IC MCU 16BIT 512KB FLASH 144LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8357MPYE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 160LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84452VLH</a> <b>Description:</b> IC MCU 32BIT 96KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8365MFGE</a> <b>Description:</b> IC MCU 16BIT 512KB FLASH 128LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8357EVM</a> <b>Description:</b> KIT EVALUATION FOR MC56F8357	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MC56F8365VFGE</a> <b>Description:</b> IC MCU 16BIT 512KB FLASH 128LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8367EVME</a> <b>Description:</b> EVAL BOARD FOR MC56F83X	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F8357VPYE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 160LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84441VLF</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84442VLH</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84451VLF</a> <b>Description:</b> IC MCU 32BIT 96KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC56F84441VLF</a> <b>Description:</b> IC MCU 32BIT 64KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

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