

**MC9S08DN16AMLC**



**Part Number:** [MC9S08DN16AMLC](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 8BIT 16KB FLASH 32LQFP  
**Data sheet:** [MC9S08DN60 Datasheet Addendum](#)  
[MC9S08DN60,48,32,16](#)

**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>	MC9S08DN16AMLC	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 8BIT 16KB FLASH 32LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	5874 pcs	<b>Data sheet</b>	<a href="#">MC9S08DN60 Datasheet Addendum</a> <a href="#">MC9S08DN60,48,32,16</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 5.5 V
<b>Supplier Device Package</b>	32-LQFP (7x7)	<b>Speed</b>	40MHz
<b>Series</b>	S08	<b>RAM Size</b>	1K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	16KB (16K x 8)
<b>Peripherals</b>	LVD, POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	32-LQFP	<b>Oscillator Type</b>	External
<b>Operating Temperature</b>	-40°C ~ 125°C (TA)	<b>Number of I/O</b>	25
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	512 x 8	<b>Detailed Description</b>	S08 S08 Microcontroller IC 8-Bit 40MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)
<b>Data Converters</b>	A/D 10x12b	<b>Core Size</b>	8-Bit
<b>Core Processor</b>	S08	<b>Connectivity</b>	I <sup>2</sup> C, LINbus, SCI, SPI
<b>Base Part Number</b>	MC9S08DN16		

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	<b>Part#:</b> <a href="#">MC9S08AW60CPUE</a> <b>Description:</b> IC MCU 8BIT 60KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08AW60MFUE</a> <b>Description:</b> IC MCU 8BIT 60KB FLASH 64QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08AW60MPUE</a> <b>Description:</b> IC MCU 8BIT 60KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08AW60MFUER</a> <b>Description:</b> IC MCU 8BIT 60KB FLASH 64QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MC9S08DN16CLF</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 48LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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