

## MC68HC16Z1CAG16



**Part Number:** [MC68HC16Z1CAG16](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 16BIT ROMLESS 144LQFP  
**Data sheet:** [MC68HC16Z Series Users Guide](#)

**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>	MC68HC16Z1CAG16	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 16BIT ROMLESS 144LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	4829 pcs	<b>Data sheet</b>	<a href="#">MC68HC16Z Series Users Guide</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>	144-LQFP (20x20)	<b>Speed</b>	16MHz
<b>Series</b>	HC16	<b>RAM Size</b>	1K x 8
<b>Program Memory Type</b>	ROMless	<b>Program Memory Size</b>	-
<b>Peripherals</b>	POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	144-LQFP	<b>Other Names</b>	935309343557
<b>Oscillator Type</b>	Internal	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of I/O</b>	16	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	-
<b>Detailed Description</b>	CPU16 HC16 Microcontroller IC 16-Bit 16MHz ROMless 144-LQFP (20x20)	<b>Data Converters</b>	A/D 8x10b
<b>Core Size</b>	16-Bit	<b>Core Processor</b>	CPU16
<b>Connectivity</b>	EBI/EMI, SCI, SPI	<b>Base Part Number</b>	MC68HC16

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	<b>Part#:</b> <a href="#">MC68HC16Z1CPV25</a> <b>Description:</b> IC MCU 16BIT ROMLESS 144LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC68HC16Z1CEH25</a> <b>Description:</b> IC MCU 16BIT ROMLESS 132QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC68HC11K1CFNE3</a> <b>Description:</b> IC MCU 8BIT ROMLESS 84PLCC	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC68HC11K1CFNE4R</a> <b>Description:</b> IC MCU 8BIT ROMLESS 84PLCC	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MC68HC16Z1MAG16</a> <b>Description:</b> IC MCU 16BIT ROMLESS 144LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC68HC16Z1CEH20</a> <b>Description:</b> IC MCU 16BIT ROMLESS 132QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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