

MC16Z3BCAG16



Part Number: [MC16Z3BCAG16](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 8KB MROM 144LQFP

Data sheet:

RoHS Status: Lead free / RoHS Compliant

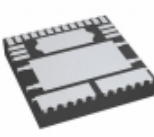
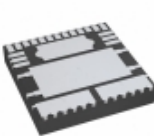
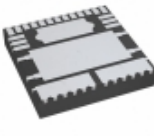
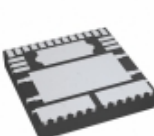
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PRODUCT PARAMETER			
Part Number	MC16Z3BCAG16	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 8KB MROM 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5537 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	16MHz
Series	HC16	RAM Size	4K x 8
Program Memory Type	Mask ROM	Program Memory Size	8KB (8K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	CPU16 HC16 Microcontroller IC 16-Bit 16MHz 8KB (8K x 8) Mask ROM 144-LQFP (20x20)
Data Converters	A/D 8x10b	Core Size	16-Bit
Core Processor	CPU16	Connectivity	EBI/EMI, SCI, SPI
Base Part Number	MC16Z3		
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