



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC68HC16Z1CAG16

Part Number:	MC68HC16Z1CAG16
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT ROMLESS 144LQFP
Datasheets:	 MC68HC16Z1CAG16.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

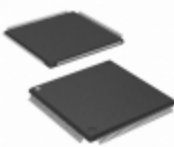
Specifications of MC68HC16Z1CAG16

PART NUMBER	MC68HC16Z1CAG16
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT ROMLESS 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MC68HC16Z1CAG16.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	16MHz
SERIES	HC16
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	ROMless
PROGRAM MEMORY SIZE	-
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	935309343557
OSCILLATOR TYPE	Internal
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 ROMless 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	16-Bit
CORE PROCESSOR	CPU16
CONNECTIVITY	EBI/EMI, SCI, SPI
BASE PART NUMBER	MC68HC16

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