

MCF52259CAG80



Part Number: [MCF52259CAG80](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:  [MCF52259](#)

RoHs Status: Lead free / RoHS Compliant

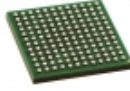
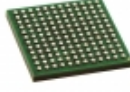
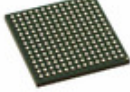
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PRODUCT PARAMETER			
Part Number	MCF52259CAG80	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8000 pcs	Data sheet	MCF52259
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	80MHz
Series	MCF5225x	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935309895557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	96	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	Coldfire V2 MCF5225x Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	Coldfire V2	Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, QSPI, UART/USART, USB OTG
Base Part Number	MCF52259		
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	Part#: MCF52256VN80 Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF52277CVM160J Description: IC MCU 32BIT ROMLESS 196MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCF5232CAB80 Description: IC MCU 32BIT ROMLESS 160QFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF52258CAG66 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCF52259CVN80 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF52258CVN66J Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCF52256VN80J Description: IC MCU 32BIT 256KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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