

PCF52255CAF80



Part Number: [PCF52255CAF80](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [MCF52259](#)

RoHs Status: Lead free / RoHS Compliant

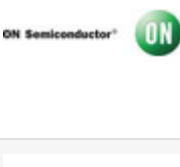
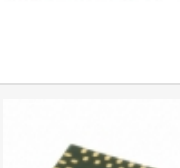
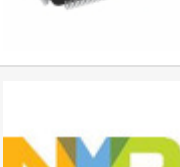
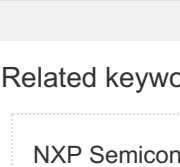
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PRODUCT PARAMETER			
Part Number	PCF52255CAF80	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5097 pcs	Data sheet	MCF52259
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	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	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	56
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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 100-LQFP (14x14)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	Coldfire V2	Connectivity	CANbus, Ethernet, I ² C, QSPI, UART/USART, USB OTG
Base Part Number	PCF52255		
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	Part#: PCF51QM64VLF Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF52259CAG80 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF6680AS Description: DIE TRANS MOSFET N-CH 30V	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: PCF52258AG80 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF6030L Description: DIE TRANS N-CH 30V LOGIC POWER	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: PCF52258CAG66 Description: IC MCU 32BIT 512KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF52252AF80 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF51QM32VFM Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: PCF51QU128VHS Description: IC MCU 32BIT 128KB FLASH 44LGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF52274CLU120 Description: IC MCU 32BIT ROMLESS 176LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF52256CAG66 Description: IC MCU 32BIT 256KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF52252CAF66 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF51QU64VLF Description: IC MCU 32BIT 64KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF6IW-X Description: FITTING COUPLER PD6 OFF WHITE	Manufacturers: Panduit	RFQ
	Part#: PCF7900NHN/C0K,112 Description: IC XMITTER UHF 16HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PCF51QM128VLH Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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