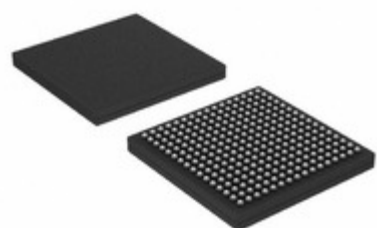


MCF5282CVF80J



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MCF5282CVF80J](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 256BGA

Data sheet:  [MCF5216, 5282 User's Manual](#)

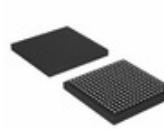
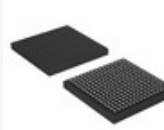
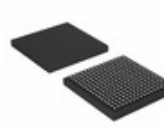
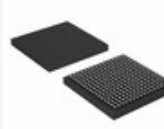
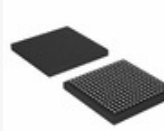
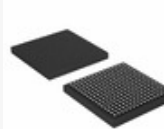
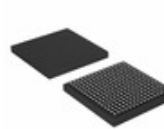
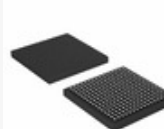
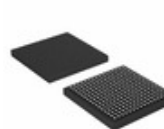
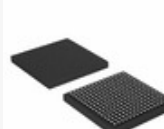
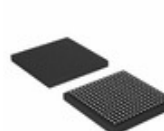
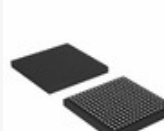
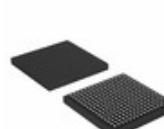
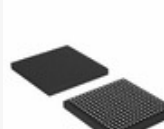
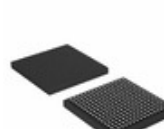
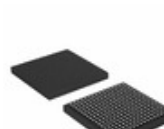
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCF5282CVF80J	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 256BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	6024 pcs	Data sheet	MCF5216, 5282 User's Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	256-MAPBGA	Speed	80MHz
Series	MCF528x	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	256-LBGA	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	150
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	Coldfire V2 MCF528x Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 256-MAPBGA
Data Converters	A/D 8x10b	Core Size	32-Bit
Core Processor	Coldfire V2	Connectivity	CANbus, EBI/EMI, Ethernet, I ² C, SPI, UART/USART
Base Part Number	MCF5282		
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	Part#: MCF5282CVM80 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5280CVM80 Description: IC MCU 32BIT ROMLESS 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF53010CQT240 Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5281CVM66 Description: IC MCU 32BIT 256KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF53011CQT240 Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5282CVF80 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5281CVF66 Description: IC MCU 32BIT 256KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5282CVF66 Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5281CVM66J Description: IC MCU 32BIT 256KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5282CVM66J Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5280CVM80J Description: IC MCU 32BIT ROMLESS 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF53014CMJ240J Description: IC MCU 32BIT ROMLESS 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF53015CMJ240J Description: IC MCU 32BIT ROMLESS 256MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5282CVF66J Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5282CVM80J Description: IC MCU 32BIT 512KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF53012CQT240 Description: IC MCU 32BIT ROMLESS 208LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCF5281CVM80 Description: IC MCU 32BIT 256KB FLASH 256BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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