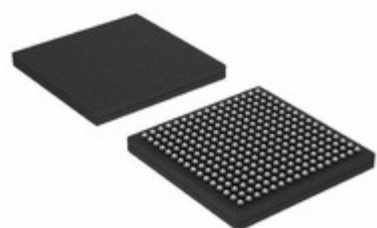


MCF5282CVM80



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MCF5282CVM80](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 256BGA

Data sheet:  [MCF5282 Errata](#)
 [MCF5216, 5282 User's Manual](#)

RoHs Status: Lead free / RoHS Compliant

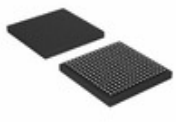
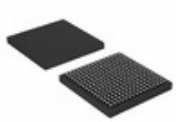
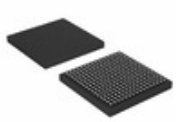
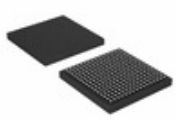
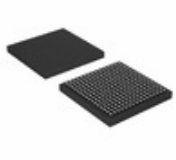
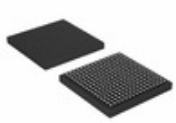
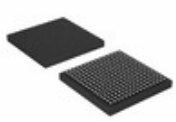
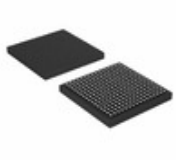
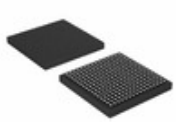
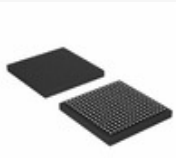
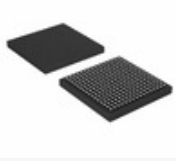
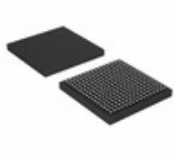
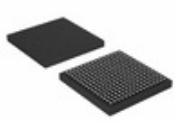
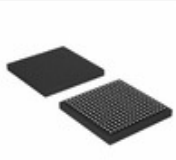
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PRODUCT PARAMETER			
Part Number	MCF5282CVM80	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 256BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2193 pcs	Data sheet	MCF5282 Errata MCF5216, 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	Other Names	935321091557
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	Lead free / RoHS 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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