

MB91F523KSCPMC1-GSE2



Part Number: [MB91F523KSCPMC1-GSE2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 448KB FLASH 144LQFP

Data sheet:  [CY91520 Series](#)

RoHs Status: Lead free / RoHS Compliant

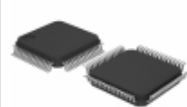
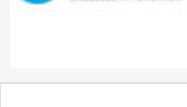
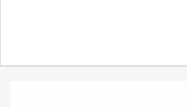
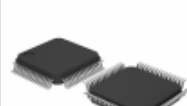
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PRODUCT PARAMETER			
Part Number	MB91F523KSCPMC1-GSE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 448KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5142 pcs	Data sheet	CY91520 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	80MHz
Series	FR MB91520	RAM Size	56K x 8
Program Memory Type	FLASH	Program Memory Size	448KB (448K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	120
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64K x 8	Detailed Description	FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 448KB (448K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 48x12b, D/A 2x8b	Core Size	32-Bit
Core Processor	FR81S	Connectivity	CANbus, CSIO, EBI/EMI, I ² C, LINbus, SPI, UART/USART
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	Part#: MB91F523FSCPMC-GSE1 Description: IC MCU 32BIT 448KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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