

MB91F522BHBPMC1-GS-F4E1



**Part Number:** [MB91F522BHBPMC1-GS-F4E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 320KB FLASH 64LQFP

Data sheet:  [CY91520 Series](#)

RoHs Status: Lead free / RoHS Compliant

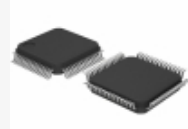
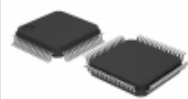
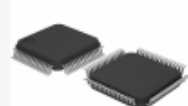
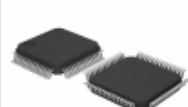
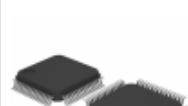
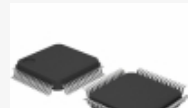
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PRODUCT PARAMETER			
Part Number	MB91F522BHBPMC1-GS-F4E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 320KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4894 pcs	Data sheet	CY91520 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed	80MHz
Series	FR MB91520	RAM Size	56K x 8
Program Memory Type	FLASH	Program Memory Size	320KB (320K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	CY91F522BHBPMC1-GS-F4E1
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	44	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	27 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64K x 8	Detailed Description	FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 320KB (320K x 8) FLASH 64-LQFP (10x10)
Data Converters	A/D 26x12b, D/A 1x8b	Core Size	32-Bit
Core Processor	FR81S	Connectivity	CANbus, CSIO, I ² C, LINbus, SPI, UART/USART
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	Part#: MB91F522BSBPMC1-GS-F4E1 Description: IC MCU 32BIT 320KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB91F522BSBPMC1-GTE1 Description: IC MCU 32BIT 320KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ

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