

MB91F577BHSPMC1-GSE1



Part Number: [MB91F577BHSPMC1-GSE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

Data sheet:  [MB91570 Series](#)

RoHs Status: Lead free / RoHS Compliant

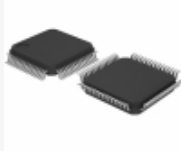
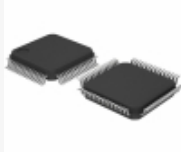
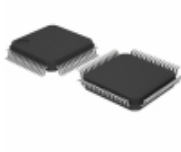
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PRODUCT PARAMETER			
Part Number	MB91F577BHSPMC1-GSE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6596 pcs	Data sheet	MB91570 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (16x16)	Speed	80MHz
Series	FR MB91570	RAM Size	72K x 8
Program Memory Type	FLASH	Program Memory Size	1.0625MB (1.0625M x 8)
Peripherals	DMA, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	CY91F577BHSPMC1-GSE1
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	111	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64K x 8	Detailed Description	FR81S FR MB91570 Microcontroller IC 32-Bit 80MHz 1.0625MB (1.0625M x 8) FLASH 144-LQFP (16x16)
Data Converters	A/D 40x8/10b, 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#: MB91F585LBPMC-GTK5E1 Description: IC MCU 32BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB91F579CMPMC-GSK5E2 Description: IC MCU 32BIT 2MB FLASH 208LQFP	Manufacturers: Cypress Semiconductor	RFQ

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