



Cypress Semiconductor



### MB91F524FHCPMC-GSE1

Part Number:	MB91F524FHCPMC-GSE1
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 576KB FLASH 100LQFP
Datasheets:	<a href="#">MB91F524FHCPMC-GSE1.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	7057 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MB91F524FHCPMC-GSE1

PART NUMBER	MB91F524FHCPMC-GSE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 576KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7057 pcs
DATA SHEET	<a href="#">MB91F524FHCPMC-GSE1.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	80MHz
SERIES	FR MB91520
RAM SIZE	72K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	576KB (576K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	CY91F524FHCPMC-GSE1
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	76
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 576KB (576K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 37x12b, D/A 2x8b
CORE SIZE	32-Bit
CORE PROCESSOR	FR81S
CONNECTIVITY	CANbus, CSIO, I <sup>2</sup> C, LINbus, SPI, UART/USART

#### Related Tags

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#### Related Products

<p><b>MB91F524FSCPMC-GSE1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5723 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524FHCPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 4155 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB91F524FSCPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 5834 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524FHBPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 3295 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB91F524FJCPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 4385 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524DSCPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 80LQFP In stock: 6668 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB91F524DHBPMC-GTE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 80LQFP In stock: 4669 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524FWBPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 3398 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB91F524DWDPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6570 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524FWBPMC-GSE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 5655 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB91F524DSEPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 3237 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB91F524FJBPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 4125 pcs</p> <p><a href="#">RFQ</a></p>

