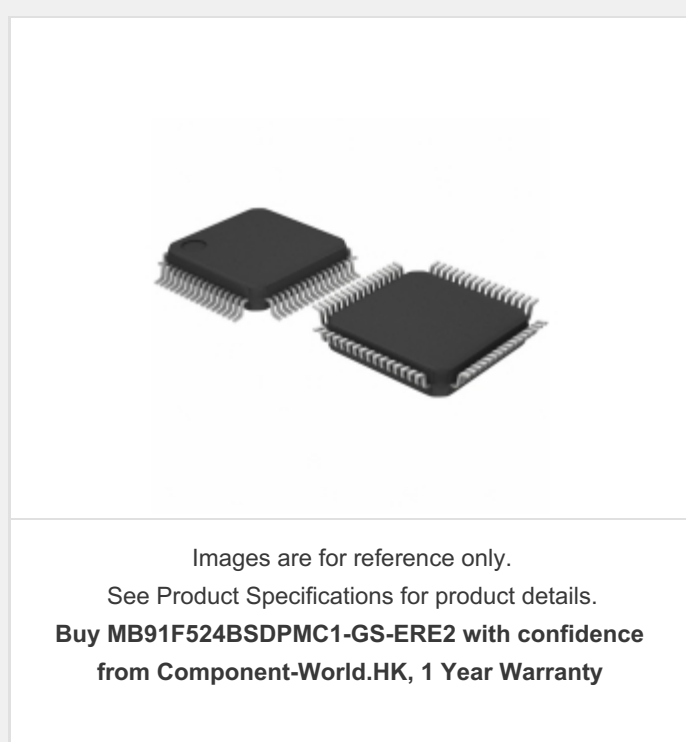


## MB91F524BSDPMC1-GS-ERE2



**Part Number:** [MB91F524BSDPMC1-GS-ERE2](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 32BIT 576KB FLASH 64LQFP  
**Data sheet:**

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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PRODUCT PARAMETER			
<b>Part Number</b>	MB91F524BSDPMC1-GS-ERE2	<b>Manufacturer</b>	<a href="#">Cypress Semiconductor</a>
<b>Description</b>	IC MCU 32BIT 576KB FLASH 64LQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	14044 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 5.5 V
<b>Supplier Device Package</b>	64-LQFP (10x10)	<b>Speed</b>	80MHz
<b>Series</b>	FR MB91520	<b>RAM Size</b>	72K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	832KB (832K x 8)
<b>Peripherals</b>	DMA, LVD, POR, PWM, WDT	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	64-LQFP	<b>Other Names</b>	CY91F524BSDPMC1-GS-ERE2
<b>Oscillator Type</b>	External	<b>Operating Temperature</b>	-40°C ~ 105°C (TA)
<b>Number of I/O</b>	44	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Manufacturer Standard Lead Time</b>	28 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>EEPROM Size</b>	64K x 8	<b>Detailed Description</b>	FR81S FR MB91520 Microcontroller IC 32-Bit 80MHz 832KB (832K x 8) FLASH 64-LQFP (10x10)
<b>Data Converters</b>	A/D 26x12b, D/A 1x8b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	FR81S	<b>Connectivity</b>	CANbus, CSIO, I <sup>2</sup> C, LINbus, SPI, UART/USART

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	<b>Part#:</b> <a href="#">MB91F523FSCPMC-GSE2</a> <b>Description:</b> IC MCU 32BIT 448KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F523FSCPMC-GTE2</a> <b>Description:</b> IC MCU 32BIT 448KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524FHBPMC-GS-F4E1</a> <b>Description:</b> IC MICROCONTROLLER	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524BWEPMC1-GSE2</a> <b>Description:</b> IC MICROCONTROLLER	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F523FSCPMC-GTE1</a> <b>Description:</b> IC MCU 32BIT 448KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524DWPMC-GSE2</a> <b>Description:</b> IC MICROCONTROLLER	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524BSCPMC1-GTE1</a> <b>Description:</b> IC MCU 32BIT 576KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F523JSEPMC-GTE1</a> <b>Description:</b> IC MICROCONTROLLER	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524BSCPMC1-GSE2</a> <b>Description:</b> IC MCU 32BIT 576KB FLASH 64LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F523FWCPMC-GSE1</a> <b>Description:</b> IC MCU 32BIT 448KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MB91F524FHCPMC-GSE1</a> <b>Description:</b> IC MCU 32BIT 576KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MB91F524DSCPMC-GSE2</a> <b>Description:</b> IC MCU 32BIT 576KB FLASH 80LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MB91F524FHCPMC-GS-F4E1</a> <b>Description:</b> IC MCU 32BIT 576KB FLASH 100LQFP	<b>Manufacturers:</b> <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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