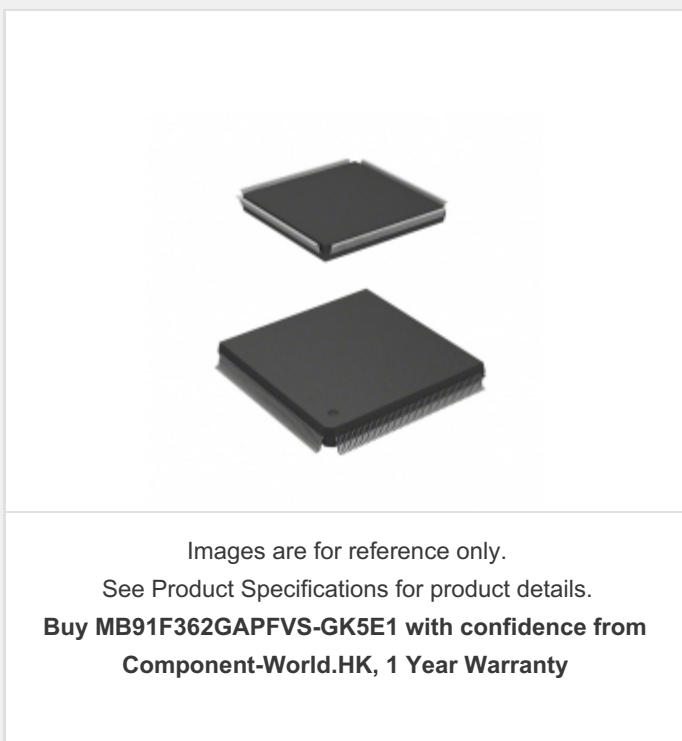


**MB91F362GAPFVS-GK5E1**



**Part Number:** [MB91F362GAPFVS-GK5E1](#)  
**Manufacturer:** [Cypress Semiconductor](#)  
**Description:** IC MCU 32BIT 512KB FLASH 208HQFP  
**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			
Part Number	MB91F362GAPFVS-GK5E1	Manufacturer	<a href="#">Cypress Semiconductor</a>
Description	IC MCU 32BIT 512KB FLASH 208HQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5459 pcs	Data sheet	
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	4.25 V ~ 5.25 V
Supplier Device Package	208-QFP (28x28)	Speed	64MHz
Series	FR MB91360G	RAM Size	20K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	208-BQFP	Other Names	CY91F362GAPVSR-GE1 MB91F362GAPFVS-GE1 MB91F362GAPFVS-GE1-ND
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	160	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	FR50 RISC FR MB91360G Microcontroller IC 32-Bit 64MHz 512KB (512K x 8) FLASH 208-QFP (28x28)
Data Converters	A/D 8x10b, D/A 2x10b	Core Size	32-Bit
Core Processor	FR50 RISC	Connectivity	CANbus, I <sup>2</sup> C, Serial I/O, UART/USART

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	Part#: <a href="#">MB91F362GBPFVS-GK5E2</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB91F362GBPFVS-G</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB91F362GBPFVS-G-N1</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MB91F362APFVS-G-VDO</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MB91F362GBPFVS-GE2</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MB91F362APFVS-G</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MB91F362BPPVSR-G-N2K5E1</a> Description: IC MCU 32BIT 512KB FLASH 208HQFP	Manufacturers: <a href="#">Cypress Semiconductor</a>	<a href="#">RFQ</a>
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