



Cypress Semiconductor



MB91F524KHBPMC-GS-F4K5E1

Part Number:	MB91F524KHBPMC-GS-F4K5E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 576KB FLASH 144LQFP
Datasheets:	 MB91F524KHBPMC-GS-F4K5E1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4671 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MB91F524KHBPMC-GS-F4K5E1

PART NUMBER	MB91F524KHBPMC-GS-F4K5E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 576KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4671 pcs
DATA SHEET	 MB91F524KHBPMC-GS-F4K5E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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	144-LQFP
OTHER NAMES	CY91F524KHBPMC-GS-F4E1 MB91F524KHBPMC-GS-F4E1 MB91F524KHBPMC-GS-F4E1-ND
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	120
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 144-LQFP (20x20)
DATA CONVERTERS	A/D 48x12b, D/A 2x8b
CORE SIZE	32-Bit
CORE PROCESSOR	FR81S
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I ² C, LINbus, SPI, UART/USART

Related Tags

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MB91F524KHBPMC-GS-F4K5E1 Price	MB91F524KHBPMC-GS-F4K5E1 Pictures	MB91F524KHBPMC-GS-F4K5E1 Image
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Cypress Semiconductor MB91F524KHBPMC-GS-F4K5E1	Cypress Semiconductor Corp MB91F524KHBPMC-GS-F4K5E1	

Related Products

 MB91F524JSCPMC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 120LQFP In stock: 6304 pcs RFQ	 MB91F524KHDPMC1-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5840 pcs RFQ
 MB91F524FWBPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 5655 pcs RFQ	 MB91F524JHBPMC-GTE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 120LQFP In stock: 4739 pcs RFQ
 MB91F524KHBPMC1-GS-F4E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 144LQFP In stock: 4935 pcs RFQ	 MB91F524KHDPMC-GS-F4K5E1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6074 pcs RFQ
 MB91F524KHBPMC1-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 144LQFP In stock: 4546 pcs RFQ	 MB91F524KHBPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 144LQFP In stock: 5205 pcs RFQ
 MB91F524FWDPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6790 pcs RFQ	 MB91F524KSCPMC1-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 144LQFP In stock: 3942 pcs RFQ
 MB91F524JSEPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5151 pcs RFQ	 MB91F524FWCPMC-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 100LQFP In stock: 7436 pcs RFQ