



Cypress Semiconductor

### MB9BF116SPMC-GK7E1

Part Number:	MB9BF116SPMC-GK7E1
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	<a href="#">PDF MB9BF116SPMC-GK7E1.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
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 MB9BF116SPMC-GK7E1

PART NUMBER	MB9BF116SPMC-GK7E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF MB9BF116SPMC-GK7E1.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	144MHz
SERIES	FM3 MB9B110T
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	CY9BF116SPMC-GK7E1 MB9BF116SPMC-GE1 MB9BF116SPMC-GE1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	122
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	30 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9B110T Microcontroller IC 32-Bit 144MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, I²C, LINbus, UART/USART

#### Related Tags

Cypress Semiconductor MB9BF116SPMC-GK7E1	MB9BF116SPMC-GK7E1 Distributor	MB9BF116SPMC-GK7E1 Supplier
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Cypress Semiconductor MB9BF116SPMC-GK7E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF116SPMC-GK7E1	Cypress Semiconductor Corp MB9BF116SPMC-GK7E1	

#### Related Products

<p><b>MB9BF116TBGL-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF117TPMC-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 176LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF116TPMC-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF115NPQC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100QFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF116NPQC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100QFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF116NPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF115RPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF117TBGL-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 192BGA In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF118SPMC-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF116RPMC-G-JNE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>MB9BF117SPMC-GK7E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>MB9BF116NBGL-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 112BGA In stock: Out stock <a href="#">RFQ</a></p>

