

MB9AF312KPMC1-G-JNE2





Part Number:

MB9AF312KPMC1-G-JNE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 160KB FLASH 52LQFP

Data sheet:

 [MB9AF31\(1,2\)K Series Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

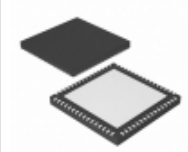
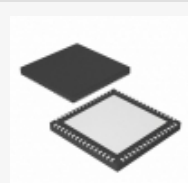
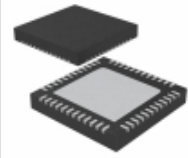
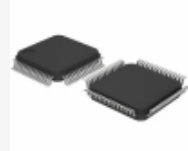
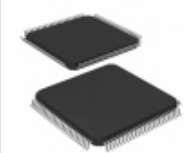
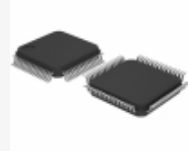
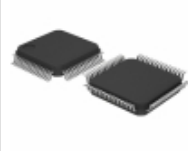
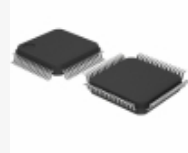
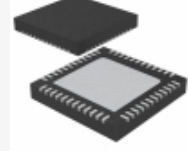
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PRODUCT PARAMETER			
Part Number	MB9AF312KPMC1-G-JNE2	Manufacturer	Cypress Semiconductor
Description	IC MCU 32BIT 160KB FLASH 52LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45247 pcs	Data sheet	MB9AF31(1,2)K Series Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	52-LQFP (10x10)	Speed	40MHz
Series	FM3 MB9A310K	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	160KB (160K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	52-LQFP	Other Names	1534-1032 CY9AF312KPMC1-G-JNE2 MB9AF312KPMC1-G-JNE2-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 FM3 MB9A310K Microcontroller IC 32-Bit 40MHz 160KB (160K x 8) FLASH 52-LQFP (10x10)
Data Converters	A/D 8x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	CSIO, I²C, LINbus, UART/USART, USB

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	Part#: MB9AF312NABGL-GE1 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Cypress Semiconductor	RFQ
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