

CYPRESS
EMBEDDED IN TOMORROW

Cypress Semiconductor

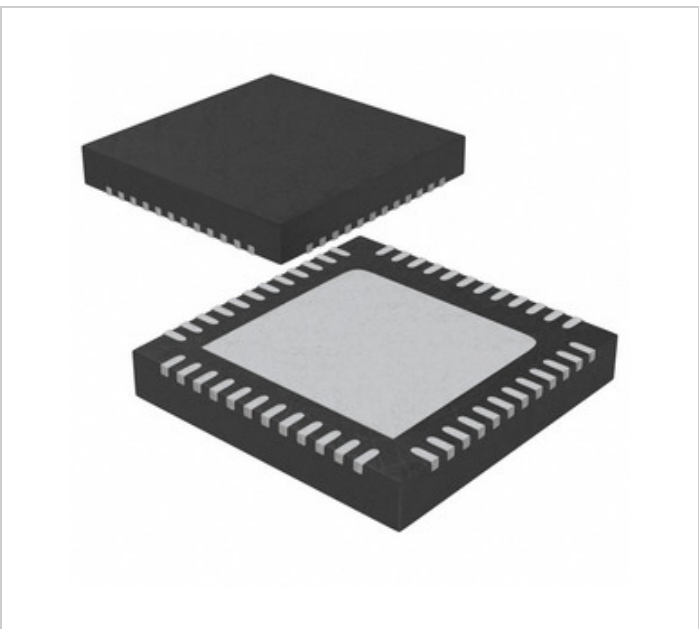


Image may be representation. See specifications for product details.

MB9BF565KQN-G-AVE2

Part Number:	MB9BF565KQN-G-AVE2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 416KB FLASH 48QFN
Datasheets:	 MB9BF565KQN-G-AVE2.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20916 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

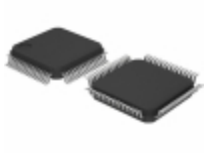
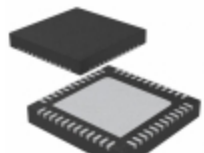
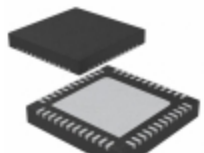
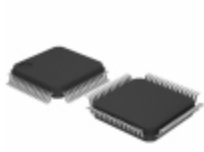
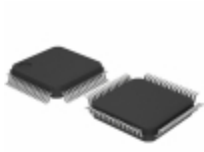
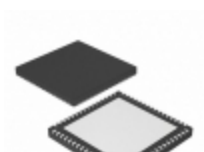
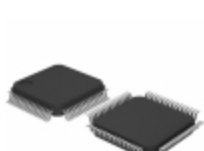
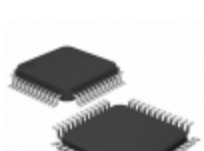
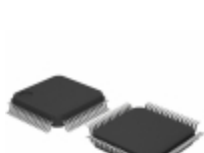
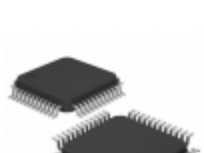
Specifications of MB9BF565KQN-G-AVE2

PART NUMBER	MB9BF565KQN-G-AVE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 416KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20916 pcs
DATA SHEET	 MB9BF565KQN-G-AVE2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	160MHz
SERIES	FM4 MB9B560L
RAM SIZE	48K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	416KB (416K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	CY9BF565KQN-G-AVE2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F FM4 MB9B560L Microcontroller IC 32-Bit 160MHz 416KB (416K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 8x12b, A/D 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, CSIO, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF565KQN-G-AVE2	MB9BF565KQN-G-AVE2 Distributor	MB9BF565KQN-G-AVE2 Supplier
MB9BF565KQN-G-AVE2 Price	MB9BF565KQN-G-AVE2 Pictures	MB9BF565KQN-G-AVE2 Image
MB9BF565KQN-G-AVE2 PDF Datasheet	MB9BF565KQN-G-AVE2 Download Datasheet	MB9BF565KQN-G-AVE2 Datasheet
MB9BF565KQN-G-AVE2 Stock	Buy MB9BF565KQN-G-AVE2	Buy Cypress Semiconductor MB9BF565KQN-G-AVE2
Cypress Semiconductor MB9BF565KQN-G-AVE2	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9BF565KQN-G-AVE2	Cypress Semiconductor Corp MB9BF565KQN-G-AVE2	

Related Products

 MB9BF566KPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 48LQFP In stock: 12133 pcs RFQ	 MB9BF564LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 20572 pcs RFQ
 MB9BF566KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 48QFN In stock: 22221 pcs RFQ	 MB9BF564KQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48QFN In stock: 23316 pcs RFQ
 MB9BF565LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 64LQFP In stock: 17338 pcs RFQ	 MB9BF565LPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 64LQFP In stock: 15339 pcs RFQ
 MB9BF564LQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64QFN In stock: 22342 pcs RFQ	 MB9BF565LQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 64QFN In stock: 19980 pcs RFQ
 MB9BF566LPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 64LQFP In stock: 17508 pcs RFQ	 MB9BF565KPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 48LQFP In stock: 21632 pcs RFQ
 MB9BF564LPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 19002 pcs RFQ	 MB9BF564KPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 48LQFP In stock: 21546 pcs RFQ