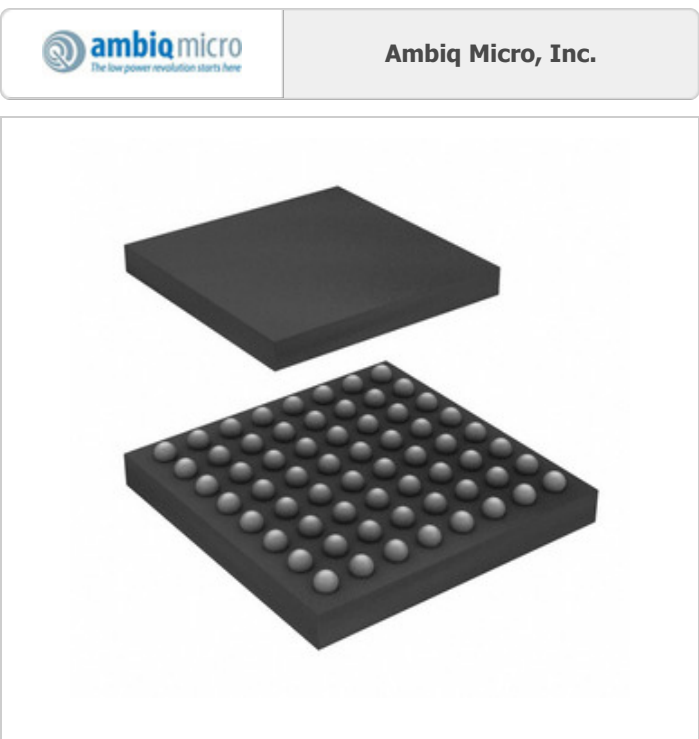




APOLLO512-KBR

Part Number:	APOLLO512-KBR
Manufacturer/Brand:	Ambiq Micro, Inc.
Product description	IC MCU 32BIT 512KB FLASH 64BGA
Datasheets:	 APOLLO512-KBR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16556 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

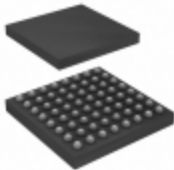
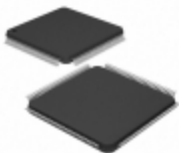
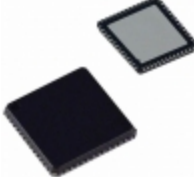
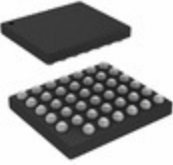
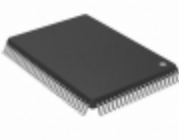
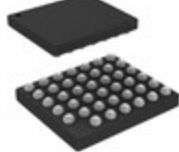
Specifications of APOLLO512-KBR

PART NUMBER	APOLLO512-KBR
MANUFACTURER	Ambiq Micro, Inc.
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16556 pcs
DATA SHEET	 APOLLO512-KBR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-BGA (4.5x4.5)
SPEED	24MHz
SERIES	Apollo1
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	64-WFBGA
OTHER NAMES	1822-1009-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F Apollo1 Microcontroller IC 32-Bit 24MHz 512KB (512K x 8) FLASH 64-BGA (4.5x4.5)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	I²C, SPI, UART/USART

Related Tags

Ambiq Micro, Inc. APOLLO512-KBR	APOLLO512-KBR Distributor	APOLLO512-KBR Supplier
APOLLO512-KBR Price	APOLLO512-KBR Pictures	APOLLO512-KBR Image
APOLLO512-KBR PDF Datasheet	APOLLO512-KBR Download Datasheet	APOLLO512-KBR Datasheet
APOLLO512-KBR Stock	Buy APOLLO512-KBR	Buy Ambiq Micro, Inc. APOLLO512-KBR
Ambiq Micro, Inc. APOLLO512-KBR	Ambiq Micro, Inc. Supplier	Ambiq Micro, Inc. Distributor
Ambiq Micro, Inc. APOLLO512-KBR		

Related Products

 APOLLO256-KBR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 44940 pcs RFQ	 ST10F273M-4QR3 Manufacturers: STMicroelectronics Description: IC MCU 16BIT 512KB FLASH 144QFP In stock: 4273 pcs RFQ
 MB90F020CPMT-GS-9006 Manufacturers: Cypress Semiconductor Description: IC MCU MICOM FLASH 120LQFP In stock: 4242 pcs RFQ	 R5F563NFDGFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH In stock: 4948 pcs RFQ
 ADUC832BCPZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC MCU 8BIT 62KB FLASH 56LFCSP In stock: 4718 pcs RFQ	 APOLLO512-KCR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 512KB FLASH 41WLCSP In stock: 38832 pcs RFQ
 STM32F103VGT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16486 pcs RFQ	 MB90F349CAPQC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100LQFP In stock: 4726 pcs RFQ
 C8051T630-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB OTP 20QFN In stock: 46355 pcs RFQ	 MC908JL16CDWER Manufacturers: NXP Description: IC MCU 8BIT 16KB FLASH 28SOIC In stock: 3690 pcs RFQ
 APOLLO256-KCR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 256KB FLASH 41WLCSP In stock: 47618 pcs RFQ	 MC9S08JE128VMB Manufacturers: NXP Description: IC MCU 8BIT 128KB FLASH 81MAPBGA In stock: 3366 pcs RFQ