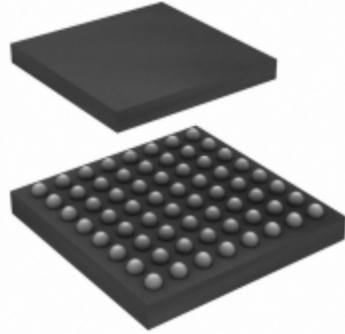


APOLLO512-KBR





Part Number:

APOLLO512-KBR

Manufacturer:

Ambiq Micro, Inc.

Description:

IC MCU 32BIT 512KB FLASH 64BGA

Data sheet:

 [Apollo256, Appolo515 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

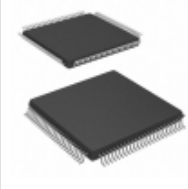
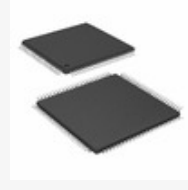
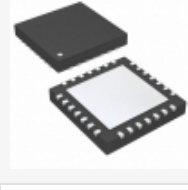
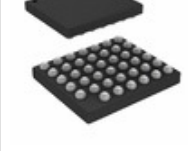
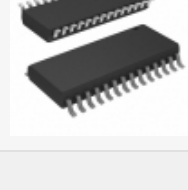
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
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	35594 pcs	Data sheet	Apollo256, Appolo515 Datasheet
Category	Integrated Circuits (ICs)	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)
Manufacturer Standard Lead Time	14 Weeks	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
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Ambiq Micro, Inc. series electronic components. We have 35594 pieces of Ambiq Micro, Inc. APOLLO512-KBR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: S9S08SG16E1MTLR Description: IC MCU 8BIT 16KB FLASH 28TSSOP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MB91F585MHPMC-GTE1 Description: IC MCU 32BIT 576KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S9S08RN48W1MLCR Description: 8-BIT MCU S08 CORE 48KB FLASH	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MB90347APFV-GS-144E1 Description: IC MCU 16BIT 128KB MROM 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: PIC16F687-E/SS Description: IC MCU 8BIT 3.5KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: R5F562TADDFP#V3 Description: IC MCU 32BIT 256KB FLASH 100QFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: EFM8BB31F16G-B-QFN32R Description: IC MCU 8BIT 16KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: AT91SAM7S64C-AU Description: IC MCU 32BIT 64KB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA3290PV-10AU Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: R5F10WLCGFB#50 Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: ATSAM4C32CA-AUR Description: IC MCU 32BIT 2MB FLASH 100LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ64GP710AT-I/PF Description: IC MCU 16BIT 64KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: APOLLO512-KCR Description: IC MCU 32BIT 512KB FLASH 41WLCSP	Manufacturers: Ambiq Micro, Inc.	RFQ
	Part#: PIC18F25Q10-I/ML Description: 32KB FLASH, 2KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: APOLLO256-KCR Description: IC MCU 32BIT 256KB FLASH 41WLCSP	Manufacturers: Ambiq Micro, Inc.	RFQ
	Part#: W78C032C40PL Description: IC MCU 8BIT ROMLESS 44PLCC	Manufacturers: Nuvoton Technology Corporation America	RFQ
	Part#: DSPIC33FJ64MC706A-I/MR Description: IC MCU 16BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MC68HC11K1CFNE4R Description: IC MCU 8BIT ROMLESS 84PLCC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: APOLLO256-KBR Description: IC MCU 32BIT 256KB FLASH 64BGA	Manufacturers: Ambiq Micro, Inc.	RFQ
	Part#: PIC16C73B-04I/SO Description: IC MCU 8BIT 7KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for APOLLO512-KBR			
Ambiq Micro, Inc. APOLLO512-KBR	APOLLO512-KBR distributor	APOLLO512-KBR supplier	APOLLO512-KBR price
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