



Image may be representation. See specifications for product details.

APOLLO512-KCR

Part Number:	APOLLO512-KCR
Manufacturer/Brand:	Ambiq Micro, Inc.
Product description	IC MCU 32BIT 512KB FLASH 41WLCSP
Datasheets:	 APOLLO512-KCR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	38832 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

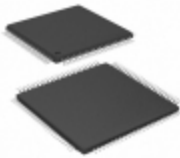
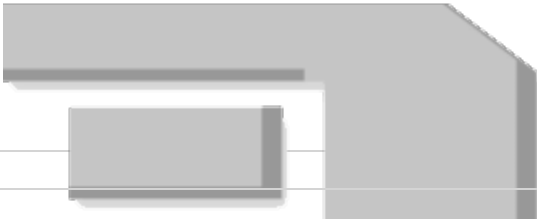
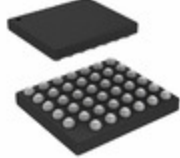
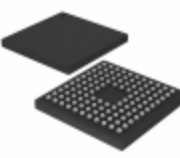
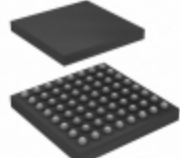
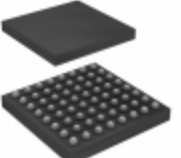
Specifications of APOLLO512-KCR

PART NUMBER	APOLLO512-KCR
MANUFACTURER	Ambiq Micro, Inc.
DESCRIPTION	IC MCU 32BIT 512KB FLASH 41WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	38832 pcs
DATA SHEET	 APOLLO512-KCR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	41-CSPBGA (2.9x2.49)
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	Tape & Reel (TR)
PACKAGE / CASE	41-UFBGA, CSPBGA
OTHER NAMES	1822-1008-2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	41
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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 41-CSPBGA (2.9x2.49)
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-KCR	APOLLO512-KCR Distributor	APOLLO512-KCR Supplier
APOLLO512-KCR Price	APOLLO512-KCR Pictures	APOLLO512-KCR Image
APOLLO512-KCR PDF Datasheet	APOLLO512-KCR Download Datasheet	APOLLO512-KCR Datasheet
APOLLO512-KCR Stock	Buy APOLLO512-KCR	Buy Ambiq Micro, Inc. APOLLO512-KCR
Ambiq Micro, Inc. APOLLO512-KCR	Ambiq Micro, Inc. Supplier	Ambiq Micro, Inc. Distributor
Ambiq Micro, Inc. APOLLO512-KCR		

Related Products

 PIC32MZ2048ECG100T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 10195 pcs RFQ	 PIC24FJ128DA206-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 128KB FLASH 64QFN In stock: 14341 pcs RFQ
 AT32UC3A3256S-ALUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 7817 pcs RFQ	 MSP430F2111IDGV Manufacturers: N/A Description: IC MCU 16BIT 2KB FLASH 20TVSOP In stock: 58841 pcs RFQ
 PIC16F15345-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8-BIT 14KB FLASH 20DIP In stock: 73340 pcs RFQ	 STM8AF6223PCX Manufacturers: STMicroelectronics Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 132827 pcs RFQ
 APOLLO256-KCR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 256KB FLASH 41WLCSP In stock: 47618 pcs RFQ	 EFM32GG890F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 11002 pcs RFQ
 APOLLO256-KBR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 44940 pcs RFQ	 APOLLO512-KBR Manufacturers: Ambiq Micro, Inc. Description: IC MCU 32BIT 512KB FLASH 64BGA In stock: 16556 pcs RFQ
 STM32F417VGT6TR Manufacturers: STMicroelectronics Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11941 pcs RFQ	 AT91SAM7X128B-AU-999 Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 4134 pcs RFQ