



Ambiq Micro, Inc.

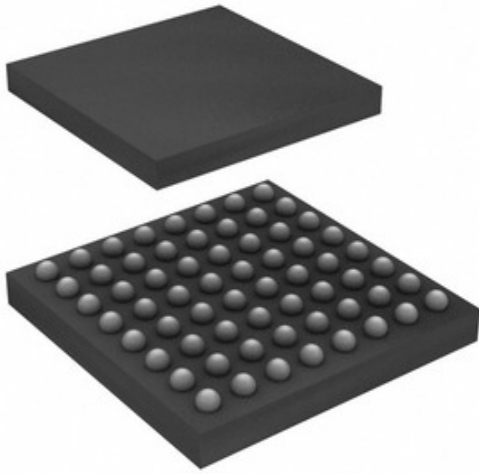


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AMAPH1KK-KBR

Part Number:	AMAPH1KK-KBR
Manufacturer/Brand:	Ambiq Micro, Inc.
Product description	IC MCU 32BIT 1MB FLASH 64BGA
Datasheets:	 AMAPH1KK-KBR.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of AMAPH1KK-KBR

PART NUMBER	AMAPH1KK-KBR
MANUFACTURER	Ambiq Micro, Inc.
DESCRIPTION	IC MCU 32BIT 1MB FLASH 64BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 AMAPH1KK-KBR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.755 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-BGA (4.5x4.5)
SPEED	48MHz
SERIES	Apollo2
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Original-Reel®
PACKAGE / CASE	64-WFBGA
OTHER NAMES	1822-1013-6
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 Apollo2 Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 64-BGA (4.5x4.5)
DATA CONVERTERS	A/D 11x14b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	I²C, SPI, UART/USART

Related Tags

Ambiq Micro, Inc. AMAPH1KK-KBR	AMAPH1KK-KBR Distributor	AMAPH1KK-KBR Supplier
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