

**AMAPH1KK-KCR Information**


For Reference Only

**Part Number** [AMAPH1KK-KCR](#)  
**Manufacturer** Ambiq Micro, Inc.  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1MB FLASH 49WLCSP  
**Package** 49-UFBGA, CSPBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**AMAPH1KK-KCR Specifications**

Manufacturer Part Number	<a href="#">AMAPH1KK-KCR</a>
Manufacturer	Ambiq Micro, Inc.
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	49-UFBGA, CSPBGA
Series	Apollo2
Core Processor	ARM? Cortex?-M4F
Core Size	32-Bit
Speed	48MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, WDT
Number of I/O	34
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	256K x 8
Voltage - Supply (Vcc/Vdd)	1.755 V ~ 3.63 V
Data Converters	A/D 11x14b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	49-UFBGA, CSPBGA
Supplier Device Package	49-CSPBGA (2.56x2.56)

[Report errors?](#)

## AMAPH1KK-KCR Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## AMAPH1KK-KCR Payment Methods



## AMAPH1KK-KCR Shipping Methods



If you have any question about AMAPH1KK-KCR, please do not hesitate to contact us!

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