

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


[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 | AMAPH1KK-KCR |
| Manufacturer | Ambiq Micro, Inc. |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| 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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