

APOLLO256-KCR Information


For Reference Only

Part Number [APOLLO256-KCR](#)
Manufacturer Ambiq Micro, Inc.
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 41WLCSP
Package 41-UFBGA, CSPBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


APOLLO256-KCR Specifications

Manufacturer Part Number	APOLLO256-KCR
Manufacturer	Ambiq Micro, Inc.
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	41-UFBGA, CSPBGA
Series	Apollo1
Core Processor	ARM? Cortex?-M4F
Core Size	32-Bit
Speed	24MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, WDT
Number of I/O	41
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	41-UFBGA, CSPBGA
Supplier Device Package	41-CSPBGA (2.9x2.49)

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APOLLO256-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.

APOLLO256-KCR Payment Methods



APOLLO256-KCR Shipping Methods



If you have any question about APOLLO256-KCR, please do not hesitate to contact us!

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