

MCIMX6S1AVM10AC Information


For Reference Only

Part Number [MCIMX6S1AVM10AC](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microprocessors](#)
Description I.MX 6 SERIES 32-BIT MPU ARM CO
Package 624-LFBGA
 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.


MCIMX6S1AVM10AC Specifications

Manufacturer Part Number	MCIMX6S1AVM10AC
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microprocessors
Package	624-LFBGA
Series	i.MX6S
Core Processor	ARM® Cortex®-A9
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	1GHz
Co-Processors/DSP	Multimedia; NEON™ SIMD
RAM Controllers	LPDDR2, LVDDR3, DDR3
Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD
Ethernet	10/100/1000 Mbps (1)
SATA	-
USB	USB 2.0 + PHY (4)
Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V
Operating Temperature	-40°C ~ 125°C (TJ)
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
Package / Case	624-LFBGA
Supplier Device Package	624-MAPBGA (21x21)

MCIMX6S1AVM10AC 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.

MCIMX6S1AVM10AC Payment Methods



MCIMX6S1AVM10AC Shipping Methods



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