

MCIMX6QP4AVT1AA Information


For Reference Only

Part Number [MCIMX6QP4AVT1AA](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microprocessors](#)
Description IC MPU I.MX6QP 1GHZ 624FCBGA
Package 624-FBGA, FCBGA
 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.


MCIMX6QP4AVT1AA Specifications

| | |
|---------------------------------|---|
| Manufacturer Part Number | MCIMX6QP4AVT1AA |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) Embedded - Microprocessors |
| Package | 624-FBGA, FCBGA |
| Series | i.MX6QP |
| Core Processor | ARM? Cortex?-A9 |
| Number of Cores/Bus Width | 4 Core, 32-Bit |
| Speed | 1.0GHz |
| Co-Processors/DSP | Multimedia; NEON? SIMD |
| RAM Controllers | LPDDR2, DDR3L, DDR3 |
| Graphics Acceleration | Yes |
| Display & Interface Controllers | HDMI, Keypad, LCD, LVDS, MIPI/DSI, Parallel |
| Ethernet | 10/100/1000 Mbps (1) |
| SATA | SATA 3Gbps (1) |
| USB | USB 2.0 + PHY (3), USB 2.0 OTG + PHY (1) |
| Voltage - I/O | 1.8V, 2.5V, 2.8V, 3.3V |
| Operating Temperature | -40°C ~ 125°C (TJ) |
| Security Features | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS |
| Package / Case | 624-FBGA, FCBGA |
| Supplier Device Package | 624-FCBGA (21x21) |

[Report errors?](#)

MCIMX6QP4AVT1AA 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.

MCIMX6QP4AVT1AA Payment Methods



MCIMX6QP4AVT1AA Shipping Methods



If you have any question about MCIMX6QP4AVT1AA, please do not hesitate to contact us!

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