

MCIMX6DP6AVT1AA Information


For Reference Only

Part Number [MCIMX6DP6AVT1AA](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microprocessors](#)
Description IC MPU I.MX6DP 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.


MCIMX6DP6AVT1AA Specifications

Manufacturer Part Number	MCIMX6DP6AVT1AA
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microprocessors
Package	624-FBGA, FCBGA
Series	i.MX6DP
Core Processor	ARM? Cortex?-A9
Number of Cores/Bus Width	2 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)

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MCIMX6DP6AVT1AA 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.

MCIMX6DP6AVT1AA Payment Methods



MCIMX6DP6AVT1AA Shipping Methods



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