

MCIMX31VKN5CR2 Information


For Reference Only

Part Number [MCIMX31VKN5CR2](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microprocessors](#)
Description IC MPU I.MX31 532MHZ 457MAPBGA
Package 457-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.


MCIMX31VKN5CR2 Specifications

Manufacturer Part Number	MCIMX31VKN5CR2
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microprocessors
Package	457-LFBGA
Series	i.MX31
Core Processor	ARM1136JF-S
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	532MHz
Co-Processors/DSP	Multimedia; GPU, IPU, MPEG-4, VFP
RAM Controllers	DDR
Graphics Acceleration	Yes
Display & Interface Controllers	Keyboard, Keypad, LCD
Ethernet	-
SATA	-
USB	USB 2.0 (3)
Voltage - I/O	1.8V, 2.0V, 2.5V, 2.7V, 3.0V
Operating Temperature	0°C ~ 70°C (TA)
Security Features	Random Number Generator, RTIC, Secure Fusebox, Secure JTAG, Secure Memory
Package / Case	457-LFBGA
Supplier Device Package	-

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MCIMX31VKN5CR2 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.

MCIMX31VKN5CR2 Payment Methods



MCIMX31VKN5CR2 Shipping Methods



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