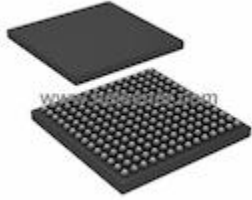


**MIMXRT1051CVL5B Information**


For Reference Only

**Part Number** [MIMXRT1051CVL5B](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** I.MXRT1050 A1  
**Package** 196-LFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**MIMXRT1051CVL5B Specifications**

Manufacturer Part Number	<a href="#">MIMXRT1051CVL5B</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	196-LFBGA
Series	-
Core Processor	ARM® Cortex®-M7
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	528MHz
Co-Processors/DSP	-
RAM Controllers	SDRAM
Graphics Acceleration	Yes
Display & Interface Controllers	LCD
Ethernet	10/100 Mbps (1)
SATA	-
USB	USB 2.0 OTG + PHY (2)
Voltage - I/O	1.8V, 2.8V, 3.3V
Operating Temperature	-40°C ~ 105°C (TJ)
Security Features	BEE, DCP, HAB, SJC, SNVS, TRNG
Package / Case	196-LFBGA
Supplier Device Package	196-MAPBGA (10x10)

[Report errors?](#)

## MIMXRT1051CVL5B 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.

## MIMXRT1051CVL5B Payment Methods



## MIMXRT1051CVL5B Shipping Methods



If you have any question about MIMXRT1051CVL5B, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)