

SPC5642AF2MVZ2 Information


For Reference Only

Part Number [SPC5642AF2MVZ2](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description NXP 32-BIT MCU POWER ARCH CORE
Package 324-BBGA
 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.


SPC5642AF2MVZ2 Specifications

Manufacturer Part Number	SPC5642AF2MVZ2
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	324-BBGA
Series	MPC56xx Qorivva
Core Processor	e200z4
Core Size	32-Bit
Speed	120MHz
Connectivity	CANbus, EBI/EMI, LINbus, SCI, SPI
Peripherals	DMA, POR, PWM, WDT
Number of I/O	151
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	1.14 V ~ 5.25 V
Data Converters	A/D 40x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	324-BBGA
Supplier Device Package	324-TEPBGA (23x23)

[Report errors?](#)

SPC5642AF2MVZ2 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.

SPC5642AF2MVZ2 Payment Methods



SPC5642AF2MVZ2 Shipping Methods



If you have any question about SPC5642AF2MVZ2, please do not hesitate to contact us!

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