

TM4C129XKCZADT3 Information


For Reference Only

Part Number [TM4C129XKCZADT3](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 212BGA
Package 212-VFBGA
 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.


TM4C129XKCZADT3 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | TM4C129XKCZADT3 |
| Manufacturer | Texas Instruments |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 212-VFBGA |
| Series | Tiva? C |
| Core Processor | ARM? Cortex?-M4F |
| Core Size | 32-Bit |
| Speed | 120MHz |
| Connectivity | CAN, EBI/EMI, Ethernet, I2C, IrDA, QEI, SPI, SSI, UART/USART, USB OTG |
| Peripherals | Brown-out Detect/Reset, DMA, Motion Control PWM, POR, PWM, WDT |
| Number of I/O | 140 |
| Program Memory Size | 512KB (512K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 6K x 8 |
| RAM Size | 256K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.97 V ~ 3.63 V |
| Data Converters | A/D 24x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | - |
| Package / Case | 212-VFBGA |
| Supplier Device Package | 212-NFBGA (10x10) |

[Report errors?](#)

TM4C129XKCZADT3 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.

TM4C129XKCZADT3 Payment Methods



TM4C129XKCZADT3 Shipping Methods



If you have any question about TM4C129XKCZADT3, please do not hesitate to contact us!

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