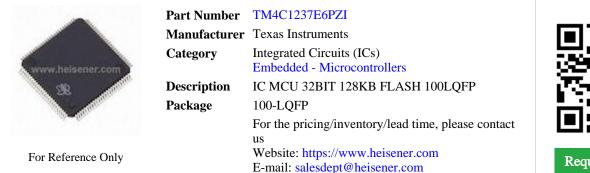


# TM4C1237E6PZI

# TM4C1237E6PZI Information





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.



# TM4C1237E6PZI Specifications

| Manufacturer Part Number   | TM4C1237E6PZI  |                |
|----------------------------|--|----------------|
| Manufacturer               | Texas Instruments  |                |
| Category                   | Integrated Circuits (ICs)                                |                |
|                            | Embedded - Microcontrollers                              |                |
| Package                    | 100-LQFP   |                |
| Series                     | Tiva? C  |                |
| Core Processor             | ARM? Cortex?-M4F   |                |
| Core Size                  | 32-Bit   |                |
| Speed                      | 80MHz  |                |
| Connectivity               | CAN, I2C, IrDA, Microwire, SPI, SSI, UART/USART, USB OTG |                |
| Peripherals                | Brown-out Detect/Reset, DMA, POR, WDT                    |                |
| Number of I/O              | 69   |                |
| Program Memory Size        | 128KB (128K x 8)   |                |
| Program Memory Type        | FLASH  |                |
| EEPROM Size                | 2K x 8   |                |
| RAM Size                   | 32K x 8  |                |
| Voltage - Supply (Vcc/Vdd) | 1.08 V ~ 3.63 V  |                |
| Data Converters            | A/D 22x12b   |                |
| Oscillator Type            | Internal   |                |
| Operating Temperature      | -40°C ~ 85°C (TA)  |                |
| Mounting Type              | -  |                |
| Package / Case             | 100-LQFP   |                |
| Supplier Device Package    | 100-LQFP (14x14)   |                |
|                            |  | Report errors? |

### TM4C1237E6PZI 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.

## TM4C1237E6PZI Payment Methods





If you have any question about TM4C1237E6PZI, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com