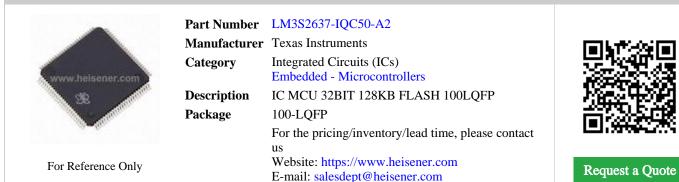


## LM3S2637-IQC50-A2

#### LM3S2637-IQC50-A2 Information



#### **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.



### LM3S2637-IQC50-A2 Specifications

| Manufacturer Part Number   | LM3S2637-IQC50-A2                               |
|----------------------------|---|
| Manufacturer               | Texas Instruments                               |
| Category                   | Integrated Circuits (ICs)                       |
|                            | Embedded - Microcontrollers                     |
| Package                    | 100-LQFP  |
| Series                     | Stellaris? ARM? Cortex?-M3S 2000                |
| Core Processor             | ARM? Cortex?-M3                                 |
| Core Size                  | 32-Bit  |
| Speed                      | 50MHz   |
| Connectivity               | CAN, I2C, IrDA, Microwire, SPI, SSI, UART/USART |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT           |
| Number of I/O              | 46  |
| Program Memory Size        | 128KB (128K x 8)                                |
| Program Memory Type        | FLASH   |
| EEPROM Size                | -   |
| RAM Size                   | 32K x 8   |
| Voltage - Supply (Vcc/Vdd) | 2.25 V ~ 2.75 V                                 |
| Data Converters            | A/D 4x10b                                       |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 85°C (TA)                               |
| Mounting Type              | -   |
| Package / Case             | 100-LQFP  |
| Supplier Device Package    | 100-LQFP (14x14)                                |
|                            | Report errors?                                  |

#### LM3S2637-IQC50-A2 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### LM3S2637-IQC50-A2 Payment Methods



#### LM3S2637-IQC50-A2 Shipping Methods



If you have any question about LM3S2637-IQC50-A2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com