

# TMPM037FWUG(KY,JZ)

# TMPM037FWUG(KY,JZ) Information

| www.mcSener.com    | TMPM037FWUG(KY,JZ)<br>Toshiba Semiconductor and Storage<br>Integrated Circuits (ICs)<br>Embedded - Microcontrollers<br>TX FAMILY MCU<br>64-LQFP<br>For the pricing/inventory/lead time, please contact |                 |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| For Reference Only | us<br>Website: https://www.heisener.com<br>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.



# TMPM037FWUG(KY,JZ) Specifications

| Manufacturer Part Number   | TMPM037FWUG(KY,JZ)                |
|----------------------------|-----------------------------------|
| Manufacturer               | Toshiba Semiconductor and Storage |
| Category                   | Integrated Circuits (ICs)         |
|                            | Embedded - Microcontrollers       |
| Package                    | 64-LQFP                           |
| Series                     | TX00                              |
| Core Processor             | ARM® Cortex®-M0                   |
| Core Size                  | 32-Bit                            |
| Speed                      | 20MHz                             |
| Connectivity               | I²C, SIO, UART/USART              |
| Peripherals                | DMA, LVD, POR, WDT                |
| Number of I/O              | 51                                |
| Program Memory Size        | 128KB (128K x 8)                  |
| Program Memory Type        | FLASH                             |
| EEPROM Size                | -                                 |
| RAM Size                   | 16K x 8                           |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V                     |
| Data Converters            | A/D 8x10b                         |
| Oscillator Type            | External                          |
| Operating Temperature      | -40°C ~ 85°C (TA)                 |
| Mounting Type              | -                                 |
| Package / Case             | 64-LQFP                           |
| Supplier Device Package    | 64-LQFP (10x10)                   |
|                            | Report errors?                    |

### TMPM037FWUG(KY,JZ) 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.

## TMPM037FWUG(KY,JZ) Payment Methods



If you have any question about TMPM037FWUG(KY,JZ), please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com