

**TC1793F512F270EBABKXUMA1 Information**


For Reference Only

**Part Number** [TC1793F512F270EBABKXUMA1](#)  
**Manufacturer** Infineon Technologies  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 4MB FLASH 416BGA  
**Package** 416-BGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**TC1793F512F270EBABKXUMA1 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">TC1793F512F270EBABKXUMA1</a>                                 |
| Manufacturer               | Infineon Technologies  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 416-BGA  |
| Series                     | TC17xx   |
| Core Processor             | TriCore?   |
| Core Size                  | 32-Bit   |
| Speed                      | 270MHz   |
| Connectivity               | ASC, CAN, EBI/EMI, FlexRay, MLI, MSC, SSC                                |
| Peripherals                | DMA, POR, WDT  |
| Number of I/O              | 221  |
| Program Memory Size        | 4MB (4M x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 192K x 8   |
| RAM Size                   | 288K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.17 V ~ 3.63 V  |
| Data Converters            | A/D 8x10b, 44x12b  |
| Oscillator Type            | External   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 416-BGA  |
| Supplier Device Package    | PG-BGA-416   |

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## TC1793F512F270EBABKXUMA1 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.

## TC1793F512F270EBABKXUMA1 Payment Methods



## TC1793F512F270EBABKXUMA1 Shipping Methods



If you have any question about TC1793F512F270EBABKXUMA1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)