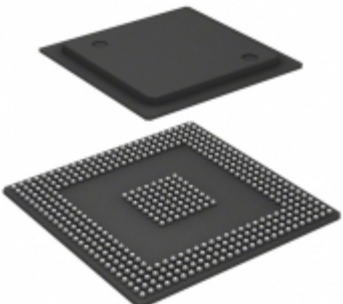


FT1796256F150EBCNP



Part Number: [FT1796256F150EBCNP](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC MCU 32BIT 2MB FLASH 416BGA

Data sheet:  [TC1796](#)

RoHs Status: Contains lead / RoHS non-compliant

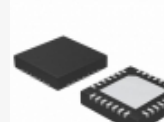
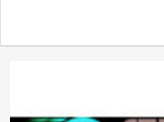
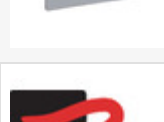
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy FT1796256F150EBCNP with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                  |                                  |                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FT1796256F150EBCNP                                                               | Manufacturer                     | <a href="#">International Rectifier (Infineon Technologies)</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 2MB FLASH 416BGA                                                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5750 pcs                                                                         | Data sheet                       | <a href="#">TC1796</a>                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - Supply (Vcc/Vdd)       | 1.42 V ~ 1.58 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PG-BGA-416-4                                                                     | Speed                            | 150MHz                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TC17xx                                                                           | RAM Size                         | 256K x 8                                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                            | Program Memory Size              | 2MB (2M x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DMA, POR, WDT                                                                    | Packaging                        | Tray                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 416-BBGA                                                                         | Other Names                      | SAF-TC1796-256F150E BC<br>SAF-TC1796-256F150E BC-ND<br>SAFTC1796256F150EBC<br>SP000064092 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | External                                                                         | Operating Temperature            | -40°C ~ 85°C (TA)                                                                         |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 123                                                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Contains lead / RoHS non-compliant                                               | EEPROM Size                      | -                                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TriCore™ TC17xx Microcontroller IC 32-Bit 150MHz 2MB (2M x 8) FLASH PG-BGA-416-4 | Data Converters                  | A/D 44x12b                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                           | Core Processor                   | TriCore™                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ASC, CANbus, EBI/EMI, MLI, MSC, SSC                                              | Base Part Number                 | SA*TC1796                                                                                 |
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| RELATED PRODUCTS                                                                             |                                                                                      |                                                                                   |                |
|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|
|            | Part#: <a href="#">FT1A-B24RA</a><br>Description: SMARTAXIS 24I/O CPU DC POWER       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C12RA-B</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|            | Part#: <a href="#">FT150R12KE3B5BOSA1</a><br>Description: PWR MODULE                 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a>    | <div>RFQ</div> |
|            | Part#: <a href="#">FT122Q-R</a><br>Description: IC USB CONTROLLER 28-QFN             | Manufacturers: <a href="#">FTDI (Future Technology Devices International, Ltd</a> | <div>RFQ</div> |
|            | Part#: <a href="#">FT121T-U</a><br>Description: IC USB CONTROLLER SPI 16-TSSOP       | Manufacturers: <a href="#">FTDI (Future Technology Devices International, Ltd</a> | <div>RFQ</div> |
|            | Part#: <a href="#">FT122T-R</a><br>Description: IC USB CONTROLLER 28-TSSOP           | Manufacturers: <a href="#">FTDI (Future Technology Devices International, Ltd</a> | <div>RFQ</div> |
|            | Part#: <a href="#">FT1A-B40RKA</a><br>Description: SMARTAXIS 40I/O CPU DC POWER      | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C14KA-W</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C12RA-S</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C14SA-S</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|            | Part#: <a href="#">FT150R12KE3GB4BDLA1</a><br>Description: MOD IGBT LOW PWR ECONO3-4 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a>    | <div>RFQ</div> |
|            | Part#: <a href="#">FT150R12KE3G_B4</a><br>Description: IGBT FT150R12KE3GB4NOSA1      | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a>    | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C12RA-W</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C14KA-S</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C14KA-B</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|            | Part#: <a href="#">FT122T-U</a><br>Description: IC USB CONTROLLER 28-TSSOP           | Manufacturers: <a href="#">FTDI (Future Technology Devices International, Ltd</a> | <div>RFQ</div> |
|            | Part#: <a href="#">FT12L</a><br>Description: LIQUID/PENETRATION PROBE                | Manufacturers: <a href="#">TPI (Test Products International)</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">FT1A-C14SA-B</a><br>Description: HMI TOUCHSCREEN 3.8" COLOR       | Manufacturers: <a href="#">IDEC</a>                                               | <div>RFQ</div> |
|            | Part#: <a href="#">FT15L</a><br>Description: NEEDLE PROBE                            | Manufacturers: <a href="#">TPI (Test Products International)</a>                  | <div>RFQ</div> |
|            | Part#: <a href="#">FT122Q-T</a><br>Description: IC USB CONTROLLER SPI 28-QFN         | Manufacturers: <a href="#">FTDI (Future Technology Devices International, Ltd</a> | <div>RFQ</div> |

Related keywords for FT1796256F150EBCNP

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