

FS32K144UFT0VLLT



Part Number: [FS32K144UFT0VLLT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K144 32-BIT MCU ARM CORTEX-M

Data sheet:  [S32K1xx Datasheet](#)

RoHs Status:

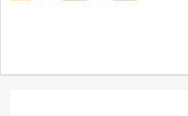
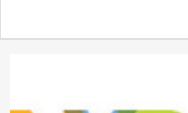
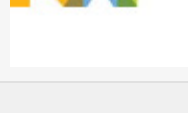
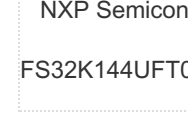
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy FS32K144UFT0VLLT with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FS32K144UFT0VLLT                          | Manufacturer                    | <a href="#">NXP Semiconductors / Freescale</a>                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S32K144 32-BIT MCU ARM CORTEX-M           | Lead Free Status / RoHS Status  |                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15632 pcs                                 | Data sheet                      | <a href="#">S32K1xx Datasheet</a>                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)      | 2.7 V ~ 5.5 V                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP (14x14)                          | Speed                           | 112MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S32K                                      | RAM Size                        | 64K x 8                                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size             | 512KB (512K x 8)                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | POR, PWM, WDT                             | Packaging                       | Tray                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LQFP                                  | Other Names                     | 935347126557                                                                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature           | -40°C ~ 105°C (TA)                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 20 Weeks                                                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4K x 8                                    | Detailed Description            | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 112MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 16x12b, D/A 1x8b                      | Core Size                       | 32-Bit                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ARM® Cortex®-M4F                          | Connectivity                    | CANbus, FlexIO, I²C, LINbus, SPI, UART/USART                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 15632 pieces of NXP Semiconductors / Freescale FS32K144UFT0VLLT in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                               |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">FS32K146HAT0MLQT</a><br>Description: S32K146 144 LQFP                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HRT0CLLT</a><br>Description: S32K144 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UFT0VLHT</a><br>Description: S32K144 32-BIT MCU ARM CORTEX-M | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146UAT0VLHT</a><br>Description: S32K146 64 LQFP                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UAT0VLLT</a><br>Description: S32K144 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144MST0MLHT</a><br>Description: S32K144 32-BIT MCU ARM CORTEX-M | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144URT0VLHT</a><br>Description: S32K144 32-BIT MCU, ARM         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HAT0MLLT</a><br>Description: S32K144 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HAT0VLHT</a><br>Description: S32K146 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HAT0MLHT</a><br>Description: S32K146 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UFT0CLLT</a><br>Description: S32K144 32-BIT MCU, ARM         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UFT0VLHR</a><br>Description: S32K144 32-BIT MCU ARM CORTEX-M | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UAT0MLHT</a><br>Description: S32K144 32-BIT MCU, ARM         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UAT0VLHR</a><br>Description: S32K144 32-BIT MCU, ARM         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UAT0VLHT</a><br>Description: S32K144 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UFT0VLLR</a><br>Description: S32K144 32-BIT MCU ARM CORTEX-M | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HRT0CLHT</a><br>Description: S32K146 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K146HNT0VLLT</a><br>Description: S32K144 32-BIT MCU, ARM         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UST0VLHT</a><br>Description: S32K144 32-BIT MCU ARM          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144UAT0VMHT</a><br>Description: S32K144 100 MAPBGA              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

Related keywords for FS32K144UFT0VLLT

|                                |                                     |                                     |                               |
|--------------------------------|-------------------------------------|-------------------------------------|-------------------------------|
| NXP Semiconductors / Freescale | FS32K144UFT0VLLT distributor        | FS32K144UFT0VLLT supplier           | FS32K144UFT0VLLT price        |
| FS32K144UFT0VLLT               | FS32K144UFT0VLLT download datasheet | FS32K144UFT0VLLT datasheet          | FS32K144UFT0VLLT stock        |
| buy FS32K144UFT0VLLT           | NXP Semiconductors / Freescale      | NXP Semiconductors FS32K144UFT0VLLT | Freescale FS32K144UFT0VLLT    |
|                                | FS32K144UFT0VLLT                    | Freescale Semiconductor - NXP       | NXP USA Inc. FS32K144UFT0VLLT |
|                                |                                     | FS32K144UFT0VLLT                    |                               |