

NXP Semiconductors / Freescale

FS32K144MNT0VLLR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FS32K144MNT0VLLR                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | S32K144 32-BIT MCU, ARM CORTEX-M                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23447 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of FS32K144MNT0VLLR

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | FS32K144MNT0VLLR                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                |
| DESCRIPTION                      | S32K144 32-BIT MCU, ARM CORTEX-M                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 23447 pcs                                                                                     |
| DATA SHEET                       |                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                              |
| SPEED                            | 64MHz                                                                                         |
| SERIES                           | S32K                                                                                          |
| RAM SIZE                         | 64K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                              |
| PERIPHERALS                      | POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                              |
| PACKAGE / CASE                   | 100-LQFP                                                                                      |
| OTHER NAMES                      | 935347125528                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| EEPROM SIZE                      | 4K x 8                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 64MHz 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                                                  |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| FS32K144MNT0VLLR               | FS32K144MNT0VLLR Distributor        | FS32K144MNT0VLLR Supplier  |
| FS32K144MNT0VLLR Price         | FS32K144MNT0VLLR Pictures           | FS32K144MNT0VLLR Image     |
| FS32K144MNT0VLLR PDF Datasheet | FS32K144MNT0VLLR Download Datasheet | FS32K144MNT0VLLR Datasheet |
| FS32K144MNT0VLLR Stock         | Buy FS32K144MNT0VLLR                | Buy FS32K144MNT0VLLR       |
| FS32K144MNT0VLLR               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                             |                                                                                                                                                                             |                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>FS32K144MNT0VLHT</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM</div> <div>In stock: 20688 pcs</div>          | <div>FS32K144MNT0MLHT</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 17575 pcs</div> |                                                                                                                                                  |
| <div>FS32K144MST0MLHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 17560 pcs</div> | <div>FS32K144MST0MLHT</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 18216 pcs</div> | <div>FS32K144MST0CLHT</div> <div>Manufacturers: NXP</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 6945 pcs</div>  |
| <div>FS32K144MRT0CLLT</div> <div>Manufacturers: NXP</div> <div>Description: S32K144 32-BIT MCU, ARM</div> <div>In stock: 15130 pcs</div>                                    | <div>FS32K144MRT0VLHT</div> <div>Manufacturers: NXP</div> <div>Description: S32K144 32-BIT MCU ARM</div> <div>In stock: 17156 pcs</div>                                     |                                                                                                                                                  |
| <div>FS32K144MNT0MLLR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM</div> <div>In stock: 6056 pcs</div>           | <div>FS32K144MNT0MLLT</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM</div> <div>In stock: 16784 pcs</div>          |                                                                                                                                                  |
| <div>FS32K144MNT0VLHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM</div> <div>In stock: 19211 pcs</div>          | <div>FS32K144MNT0MLHR</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 17470 pcs</div> | <div>FS32K144MNT0VLLT</div> <div>Manufacturers: NXP</div> <div>Description: S32K144 32-BIT MCU ARM CORTEX-M</div> <div>In stock: 15291 pcs</div> |

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