

NXP Semiconductors / Freescale



FS32K144MNT0CLLT

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | FS32K144MNT0CLLT                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale  |
| Product description | S32K144 32-BIT MCU ARM CORTEX-M |
| Datasheets:         |                                 |
| Stock Condition     | 17167 pcs stock                 |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

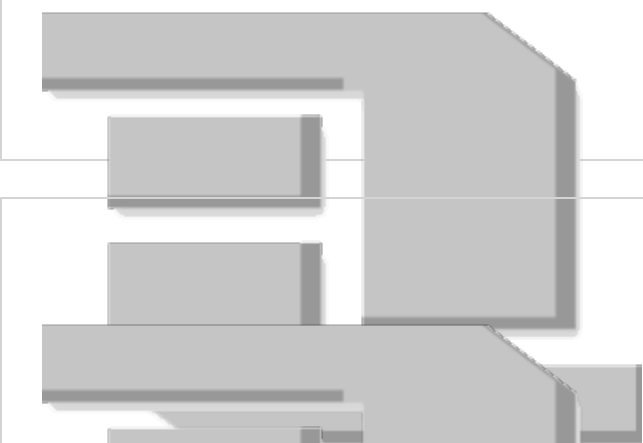
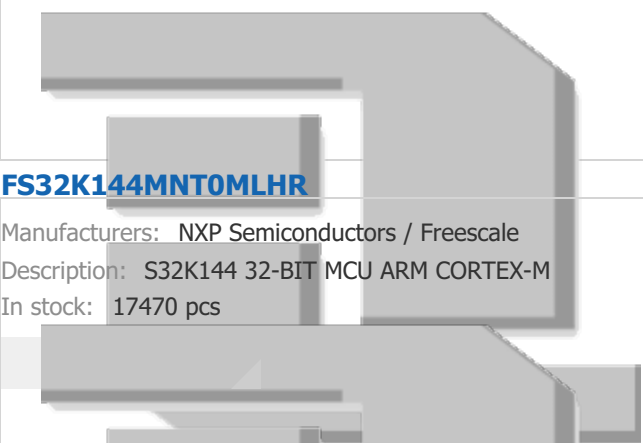
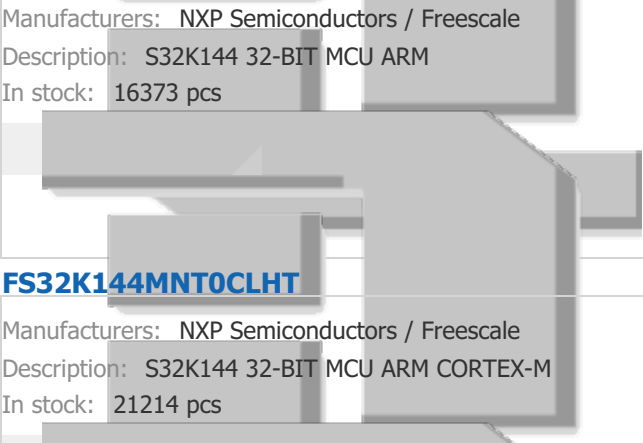
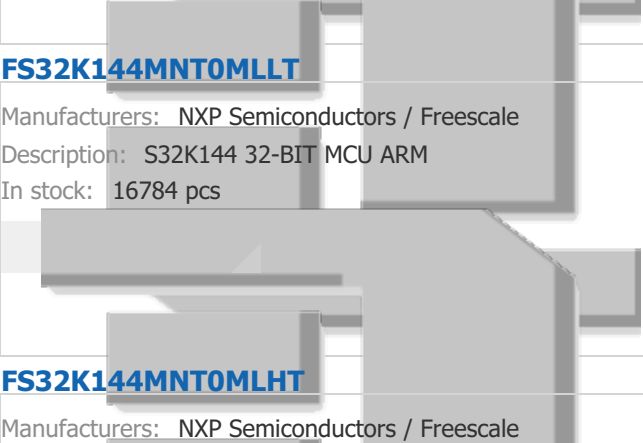
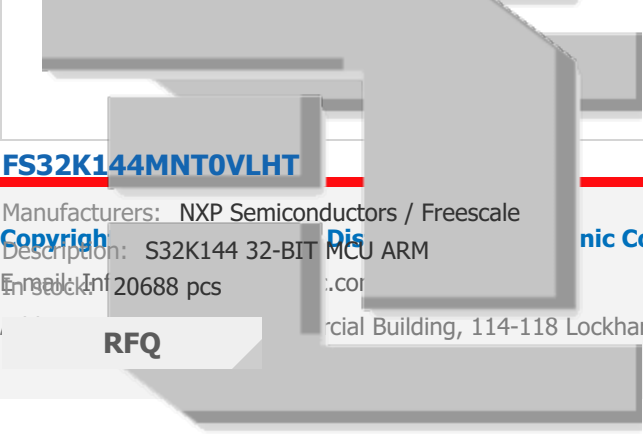
Specifications of FS32K144MNT0CLLT

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | FS32K144MNT0CLLT                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                |
| DESCRIPTION                      | S32K144 32-BIT MCU ARM CORTEX-M                                                               |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                               |
| QUANTITY AVAILABLE               | 17167 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                        | Tray                                                                                          |
| PACKAGE / CASE                   | 100-LQFP                                                                                      |
| OTHER NAMES                      | 935347644557                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                 |
| 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

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| FS32K144MNT0CLLT               | FS32K144MNT0CLLT Distributor        | FS32K144MNT0CLLT Supplier  |
| FS32K144MNT0CLLT Price         | FS32K144MNT0CLLT Pictures           | FS32K144MNT0CLLT Image     |
| FS32K144MNT0CLLT PDF Datasheet | FS32K144MNT0CLLT Download Datasheet | FS32K144MNT0CLLT Datasheet |
| FS32K144MNT0CLLT Stock         | Buy FS32K144MNT0CLLT                | Buy FS32K144MNT0CLLT       |
| FS32K144MNT0CLLT               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>FS32K144MFT0VLHR</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU, ARM<br/>In stock: 22072 pcs<br/><b>RFQ</b></div>                           | <div></div> <div><b>FS32K144MNT0MLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 17470 pcs</div> <div><b>FS32K144MFT0VLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU, ARM<br/>In stock: 19650 pcs<br/><b>RFQ</b></div>            |
| <div></div> <div><b>FS32K144MAT0VLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 16373 pcs</div>                | <div></div> <div><b>FS32K144MNT0VLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 19211 pcs</div>                                                                                                                                                               |
| <div></div> <div><b>FS32K144MNT0CLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 21214 pcs</div>       | <div></div> <div><b>FS32K144MAT0VLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 14762 pcs<br/><b>RFQ</b></div>                                                                                                                                                                           |
| <div></div> <div><b>FS32K144MFT0CLLT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU, ARM<br/>In stock: 15035 pcs<br/><b>RFQ</b></div>                           | <div></div> <div><b>FS32K144MNT0MLLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 16784 pcs</div> <div><b>FS32K144MNT0MLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 17575 pcs</div> |
| <div></div> <div><b>FS32K144MNT0VLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 20688 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>FS32K144MNT0MLLR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 6056 pcs<br/><b>RFQ</b></div>                                                                                                                                                 |

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Special Building, 114-118 Lockhart Road, Wan Chai, Hong Kong

