

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

FS32K144HAT0CLLT

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | FS32K144HAT0CLLT               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | S32K144 32-BIT MCU ARM         |
| Datasheets:         |                                |
| Stock Condition     | 13284 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

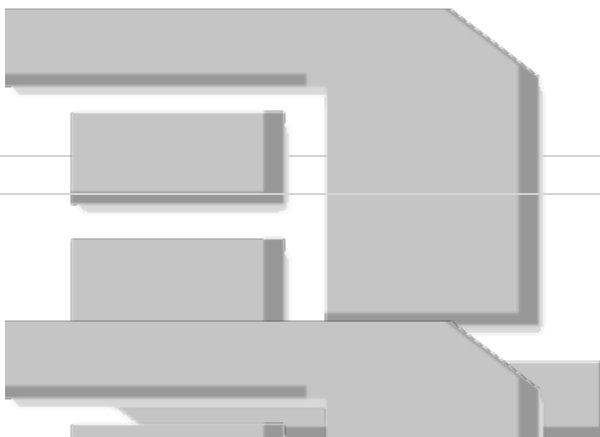
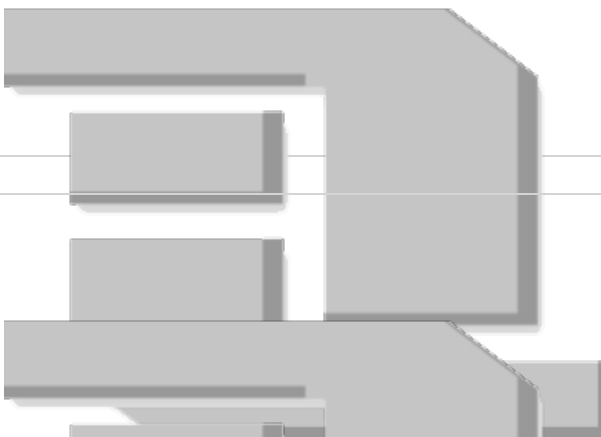
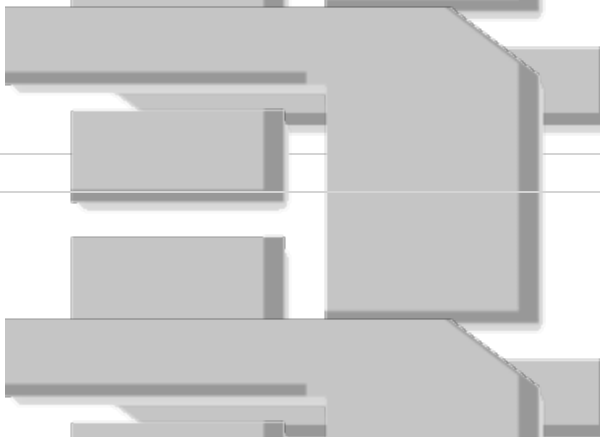
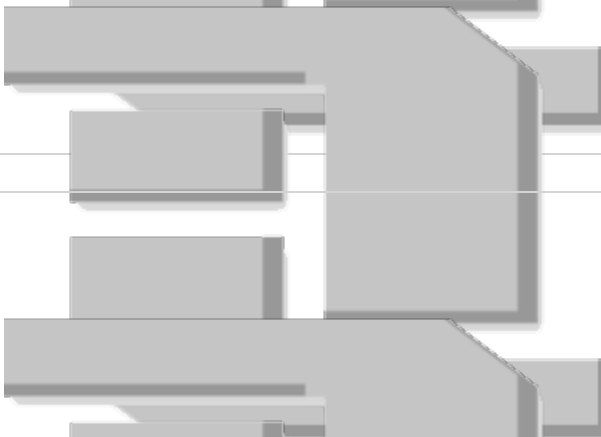
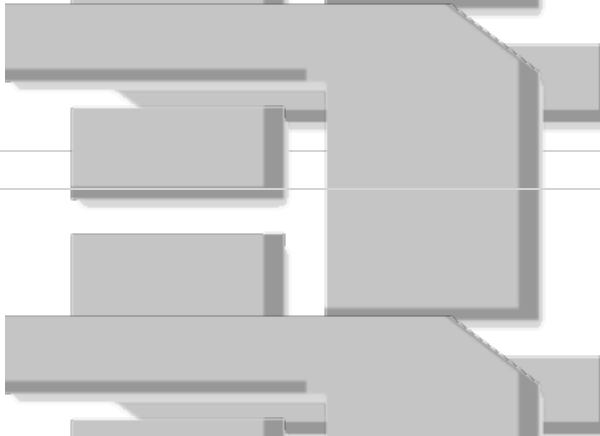
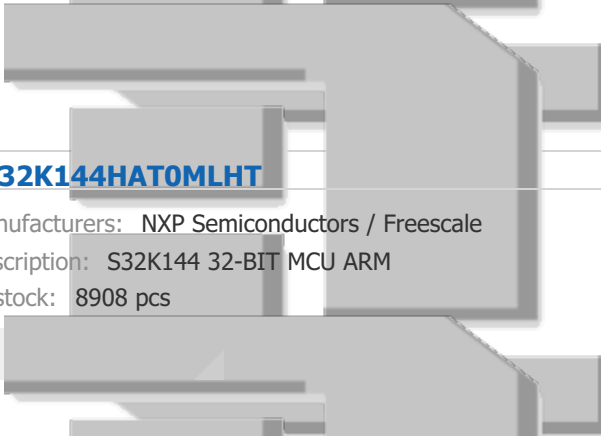
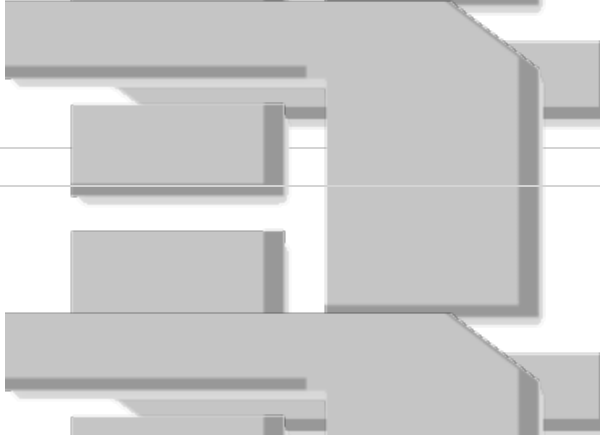
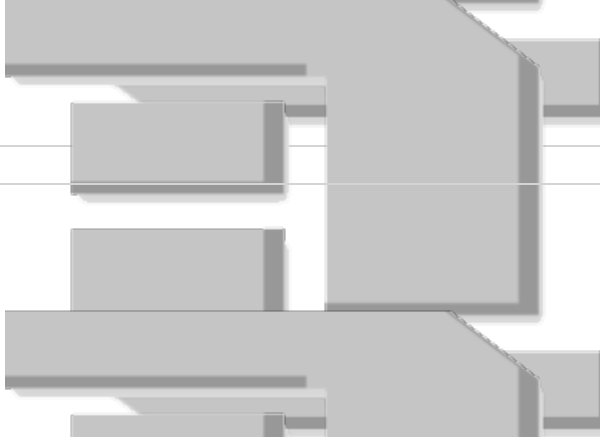
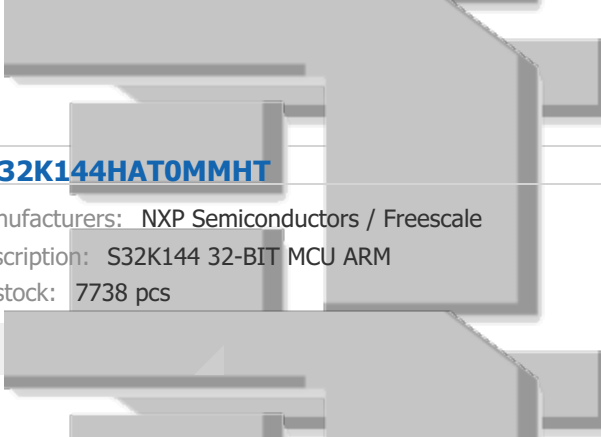
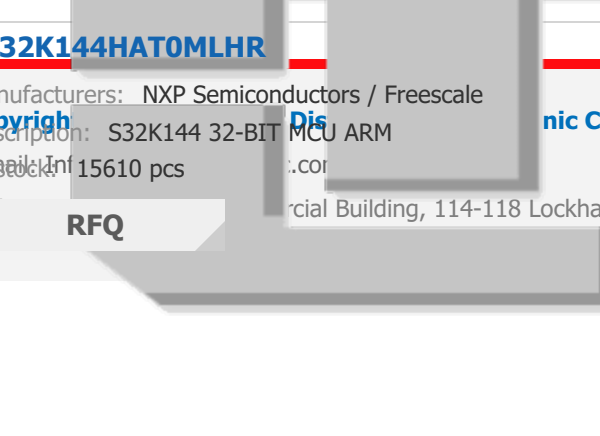
Specifications of FS32K144HAT0CLLT

|                                |                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                    | FS32K144HAT0CLLT                                                                              |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                                |
| DESCRIPTION                    | S32K144 32-BIT MCU ARM                                                                        |
| LEAD FREE STATUS / ROHS STATUS |                                                                                               |
| QUANTITY AVAILABLE             | 13284 pcs                                                                                     |
| DATA SHEET                     |                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.7 V ~ 5.5 V                                                                                 |
| SUPPLIER DEVICE PACKAGE        | 100-LQFP (14x14)                                                                              |
| SPEED                          | 80MHz                                                                                         |
| 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                    | 935347632557                                                                                  |
| OSCILLATOR TYPE                | Internal                                                                                      |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TA)                                                                             |
| EEPROM SIZE                    | 4K x 8                                                                                        |
| DETAILED DESCRIPTION           | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 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

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| FS32K144HAT0CLLT               | FS32K144HAT0CLLT Distributor        | FS32K144HAT0CLLT Supplier  |
| FS32K144HAT0CLLT Price         | FS32K144HAT0CLLT Pictures           | FS32K144HAT0CLLT Image     |
| FS32K144HAT0CLLT PDF Datasheet | FS32K144HAT0CLLT Download Datasheet | FS32K144HAT0CLLT Datasheet |
| FS32K144HAT0CLLT Stock         | Buy FS32K144HAT0CLLT                | Buy FS32K144HAT0CLLT       |
| FS32K144HAT0CLLT               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                           |                                                                                                                                       |                                                                                                                                    |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>FS32K142UFT0VLHT</b><br>Manufacturers: NXP<br>Description: S32K142 32-BIT MCU ARM<br>In stock: 4694 pcs<br><b>RFQ</b>  |                                                   | <b>FS32K144HAT0CLHT</b><br>Manufacturers: NXP<br>Description: S32K144 32-BIT MCU ARM CORTEX-M<br>In stock: 17068 pcs<br><b>RFQ</b> |
|  | <b>FS32K144HAT0VLHR</b><br>Manufacturers: NXP<br>Description: S32K144 32-BIT MCU ARM<br>In stock: 15512 pcs<br><b>RFQ</b> |                                                   | <b>FS32K142URT0VLHR</b><br>Manufacturers: NXP<br>Description: S32K142 32-BIT MCU ARM<br>In stock: 20365 pcs<br><b>RFQ</b>          |
|  | <b>FS32K142URT0VLHT</b><br>Manufacturers: NXP<br>Description: S32K142 32-BIT MCU ARM<br>In stock: 17191 pcs<br><b>RFQ</b> |                                                   |                                                                                                                                    |
|  | <b>FS32K142UFT0VLLT</b><br>Manufacturers: NXP<br>Description: S32K144 32-BIT MCU ARM<br>In stock: 7007 pcs<br><b>RFQ</b>  | <b>FS32K144HAT0MLHT</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: S32K144 32-BIT MCU ARM<br>In stock: 8908 pcs | <b>FS32K144HAT0MLLR</b><br>Manufacturers: NXP<br>Description: S32K144 32-BIT MCU, ARM<br>In stock: 17497 pcs<br><b>RFQ</b>         |
|  | <b>FS32K142UAT0VLLT</b><br>Manufacturers: NXP<br>Description: S32K142 100 LQFP<br>In stock: 13269 pcs<br><b>RFQ</b>       |                                                   |                                                                                                                                    |
|  |                                                                                                                           | <b>FS32K144HAT0MMHT</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: S32K144 32-BIT MCU ARM<br>In stock: 7738 pcs | <b>FS32K144HAT0MLLT</b><br>Manufacturers: NXP<br>Description: S32K144 32-BIT MCU, ARM<br>In stock: 10305 pcs<br><b>RFQ</b>         |

RFQ

