



NXP Semiconductors / Freescale



FS32K146HRT0CLHT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | FS32K146HRT0CLHT                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | S32K146 32-BIT MCU ARM                                                                                       |
| Datasheets:         |  FS32K146HRT0CLHT.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of FS32K146HRT0CLHT

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | FS32K146HRT0CLHT                                                                                         |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                                           |
| DESCRIPTION                    | S32K146 32-BIT MCU ARM                                                                                   |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                     |  FS32K146HRT0CLHT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.7 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE        | 64-LQFP (10x10)                                                                                          |
| SPEED                          | 80MHz                                                                                                    |
| SERIES                         | S32K                                                                                                     |
| RAM SIZE                       | 128K x 8                                                                                                 |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                    |
| PROGRAM MEMORY SIZE            | 1MB (1M x 8)                                                                                             |
| PERIPHERALS                    | POR, PWM, WDT                                                                                            |
| PACKAGING                      | Tray                                                                                                     |
| PACKAGE / CASE                 | 64-LQFP                                                                                                  |
| OTHER NAMES                    | 935369872557                                                                                             |
| OSCILLATOR TYPE                | Internal                                                                                                 |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TA)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant                                                                               |
| EEPROM SIZE                    | 4K x 8                                                                                                   |
| DETAILED DESCRIPTION           | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)                 |
| DATA CONVERTERS                | A/D 24x12b, D/A 1x8b                                                                                     |
| CORE SIZE                      | 32-Bit                                                                                                   |
| CORE PROCESSOR                 | ARM® Cortex®-M4F                                                                                         |
| CONNECTIVITY                   | CANbus, FlexIO, I²C, LINbus, SPI, UART/USART                                                             |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale FS32K146HRT0CLHT | FS32K146HRT0CLHT Distributor            | FS32K146HRT0CLHT Supplier                           |
| FS32K146HRT0CLHT Price                          | FS32K146HRT0CLHT Pictures               | FS32K146HRT0CLHT Image                              |
| FS32K146HRT0CLHT PDF Datasheet                  | FS32K146HRT0CLHT Download Datasheet     | FS32K146HRT0CLHT Datasheet                          |
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| NXP Semiconductors / Freescale FS32K146HRT0CLHT | NXP Semiconductors FS32K146HRT0CLHT     | Freescale FS32K146HRT0CLHT                          |
| Freescale Semiconductor - NXP FS32K146HRT0CLHT  | NXP USA Inc. FS32K146HRT0CLHT           |                                                     |

Related Products

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| <div></div> <div><b>FS32K146UAT0VLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 64 LQFP<br/>In stock: Out stock</div> <div>RFQ</div>         | <div></div> <div><b>FS32K144UST0VLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>FS32K146HAT0VLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>FS32K148HAT0MLQT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K148 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>FS32K146HNT0VLLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU, ARM<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>FS32K146HAT0MLLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 450 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>FS32K146UAT0VLLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 100 LQFP<br/>In stock: Out stock</div> <div>RFQ</div>        | <div></div> <div><b>FS32K146UAT0VLQT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 144 LQFP<br/>In stock: Out stock</div> <div>RFQ</div>       |
| <div></div> <div><b>FS32K146HAT0MLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>FS32K148HAT0MLUT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K148 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>FS32K146HRT0CLLT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>FS32K146HAT0MLQT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K146 144 LQFP<br/>In stock: Out stock</div> <div>RFQ</div>       |