

LX4F232H5QCFIGB0



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Part Number: [LX4F232H5QCFIGB0](#)

Manufacturer: [N/A](#)

Description: [IC MCU 32BIT 256KB FLASH 100LQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

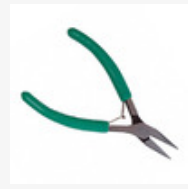
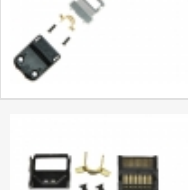
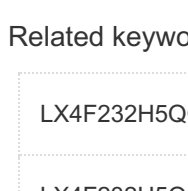
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                         |                                  |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                 | LX4F232H5QCFIGB0                                                                                                        | Manufacturer                     | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 256KB FLASH 100LQFP                                                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                          | 5981 pcs                                                                                                                | Data sheet                       |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                                               | Voltage - Supply (Vcc/Vdd)       | 1.08 V ~ 3.63 V            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                     | 100-LQFP (14x14)                                                                                                        | Speed                            | 80MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                      | Stellaris® ARM® Cortex®-M4F 230                                                                                         | RAM Size                         | 32K x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                                                                                                   | Program Memory Size              | 256KB (256K x 8)           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                              | Packaging                        | Tray                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                              | 100-LQFP                                                                                                                | Other Names                      | 296-35651                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                                                                                                | Operating Temperature            | -40°C ~ 85°C (TA)          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                               | 69                                                                                                                      | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                                                              | EEPROM Size                      | 2K x 8                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                        | ARM® Cortex®-M4 Stellaris® ARM® Cortex®-M4F 230 Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) | Data Converters                  | A/D 22x12b                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-Bit                                                                                                                  | Core Processor                   | ARM® Cortex®-M4            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                | CANbus, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB OTG                                                | Base Part Number                 | LX4F232H5                  |
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|  | Part#: <a href="#">LX4F230H5QRFIGB0</a><br>Description: IC MCU 32BIT 256KB FLASH 64LQFP  | Manufacturers: <a href="#">N/A</a>             | <div>RFQ</div> |
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|  | Part#: <a href="#">LX40-12BS(4.0)</a><br>Description: CONN CABLE BUSHING 4.0MM           | Manufacturers: <a href="#">Hirose</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LX4F232H5BBFIGB0</a><br>Description: IC MCU 32BIT 256KB FLASH 157BGA  | Manufacturers: <a href="#">N/A</a>             | <div>RFQ</div> |
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|  | Part#: <a href="#">LX4F232H5QCFIGA3</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">LX432CSC</a><br>Description: IC VREF SHUNT ADJ SOT23                  | Manufacturers: <a href="#">Microsemi</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">LX40-12P</a><br>Description: CONN PLUG 12POS .5MM SOLDER              | Manufacturers: <a href="#">Hirose</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LX432CLP</a><br>Description: IC VREF SHUNT ADJ TO92-3                 | Manufacturers: <a href="#">Microsemi</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">LX40-20BS(5.0)</a><br>Description: CONN CABLE BUSHING 5.0MM           | Manufacturers: <a href="#">Hirose</a>          | <div>RFQ</div> |

|                                              |                              |                           |                        |
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