

NXP Semiconductors / Freescale

LS102MASE7BFA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LS102MASE7BFA                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC PROCESSOR DUAL CORE                                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6189 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

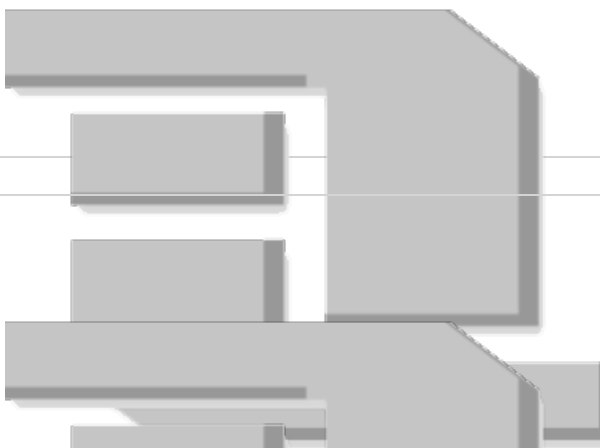
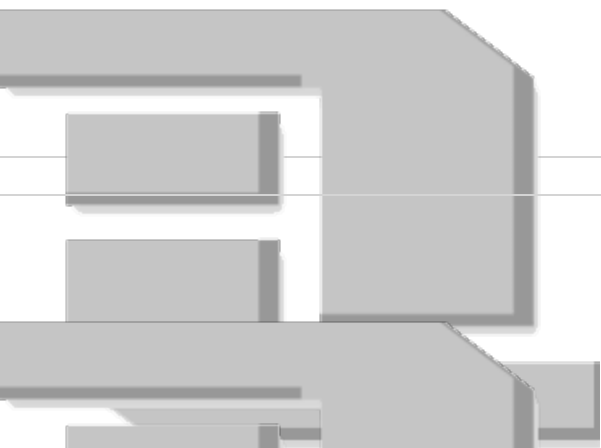
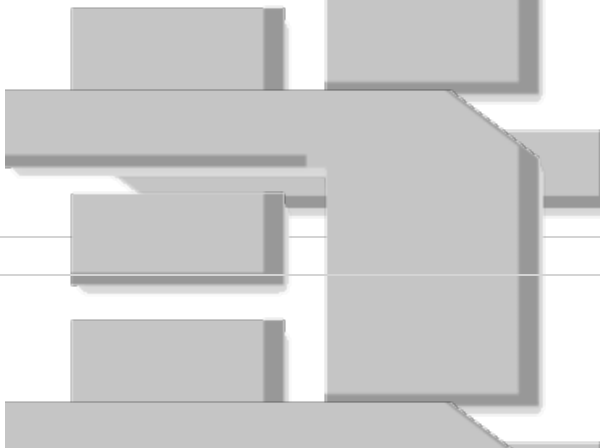
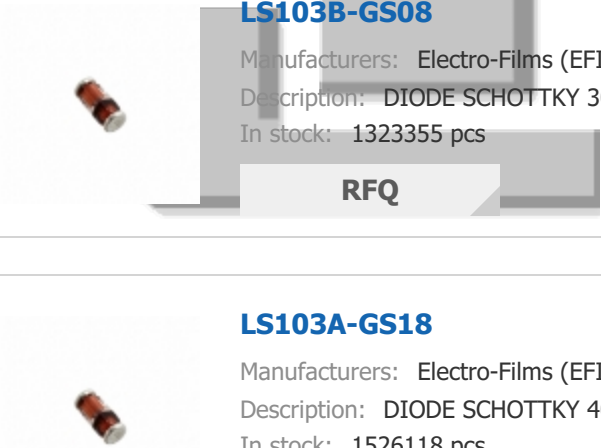
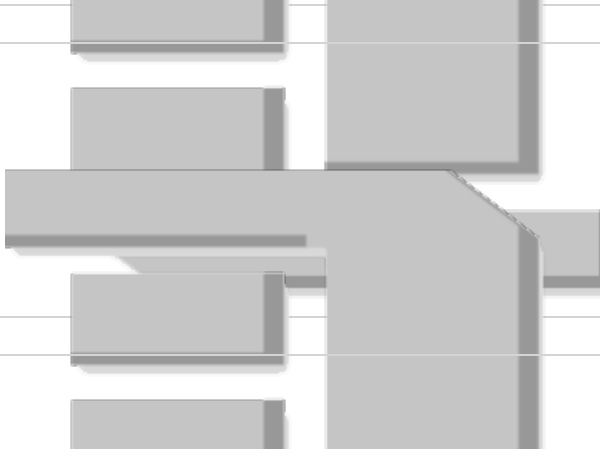
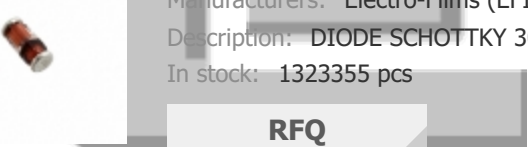
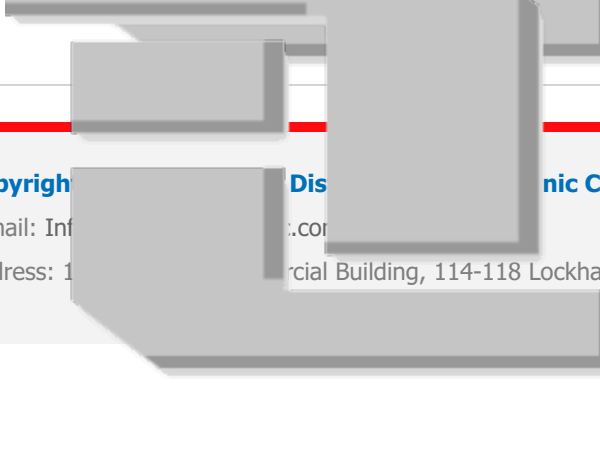
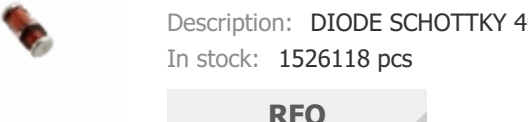
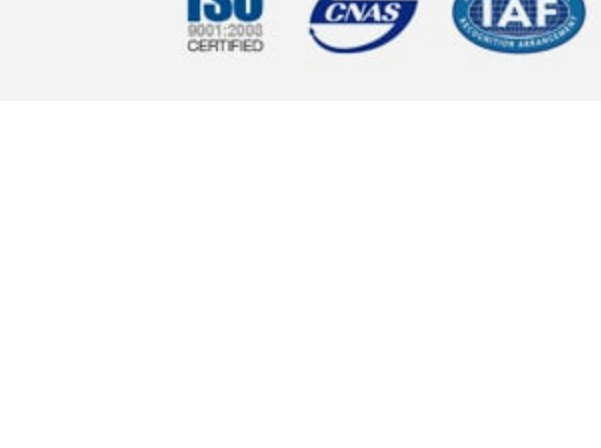
Specifications of LS102MASE7BFA

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LS102MASE7BFA                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                 |
| DESCRIPTION                      | IC PROCESSOR DUAL CORE                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE               | 6189 pcs                                                                                       |
| DATA SHEET                       |                                                                                                |
| USB                              | USB 2.0 + PHY (1)                                                                              |
| SUPPLIER DEVICE PACKAGE          | 448-PBGA w/Heat Spreader (23x23)                                                               |
| SPEED                            | 650MHz                                                                                         |
| SERIES                           | QorIQ LS1                                                                                      |
| SECURITY FEATURES                | -                                                                                              |
| SATA                             | -                                                                                              |
| RAM CONTROLLERS                  | DDR2                                                                                           |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 448-FBGA Exposed Pad                                                                           |
| OTHER NAMES                      | 935322199557                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                |
| NUMBER OF CORES/BUS WIDTH        | 2 Core, 32-Bit                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| GRAPHICS ACCELERATION            | No                                                                                             |
| ETHERNET                         | GbE (2)                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                              |
| DETAILED DESCRIPTION             | ARM1136JF-S Microprocessor IC QorIQ LS1 2 Core, 32-Bit 650MHz 448-PBGA w/Heat Spreader (23x23) |
| CORE PROCESSOR                   | ARM1136JF-S                                                                                    |
| CO-PROCESSORS/DSP                | -                                                                                              |
| ADDITIONAL INTERFACES            | I²C, PCIe, PCM/TDM, SPI, UART                                                                  |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| LS102MASE7BFA               | LS102MASE7BFA Distributor        | LS102MASE7BFA Supplier  |
| LS102MASE7BFA Price         | LS102MASE7BFA Pictures           | LS102MASE7BFA Image     |
| LS102MASE7BFA PDF Datasheet | LS102MASE7BFA Download Datasheet | LS102MASE7BFA Datasheet |
| LS102MASE7BFA Stock         | Buy LS102MASE7BFA                | Buy LS102MASE7BFA       |
| LS102MASE7BFA               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                           |                                                                                      |                                                                                                                                                                 |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>LS102MASN7BFA</b></p> <p>Manufacturers: NXP<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: 4375 pcs</p> <p>RFQ</p>           |  | <p><b>LS102MA-SW-ASK</b></p> <p>Manufacturers: NXP<br/>Description: KIT ASK LINUX LS102MA OPENWRT<br/>In stock: 9 pcs</p> <p>RFQ</p>                            |
|  | <p><b>LS1026AXN8Q1A</b></p> <p>Manufacturers: NXP<br/>Description: QORIQ LAYERSCAPE 2XA72 64BIT ARM<br/>In stock: 1104 pcs</p> <p>RFQ</p> |  | <p><b>LS102MA-SWSP-BAS</b></p> <p>Manufacturers: NXP<br/>Description: SOFTWARE SUPPORT LS102MA BASIC<br/>In stock: 5 pcs</p> <p>RFQ</p>                         |
|  | <p><b>LS1026AXN8T1A</b></p> <p>Manufacturers: NXP<br/>Description: QORIQ LAYERSCAPE 2XA72 64BIT ARM<br/>In stock: 903 pcs</p> <p>RFQ</p>  |  | <p><b>LS103B-GS08</b></p> <p>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: DIODE SCHOTTKY 30V 15A SOD80<br/>In stock: 1323355 pcs</p> <p>RFQ</p> |
|  | <p><b>LS102MASE7EHA</b></p> <p>Manufacturers: NXP<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: 3489 pcs</p> <p>RFQ</p>           |  | <p><b>LS103A-GS18</b></p> <p>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: DIODE SCHOTTKY 40V 15A SOD80<br/>In stock: 1526118 pcs</p> <p>RFQ</p> |
|  | <p><b>LS102MA-SWSP-PLS</b></p> <p>Manufacturers: NXP<br/>Description: SOFTWARE SUPPORT LS102MA PLUS<br/>In stock: 4840 pcs</p> <p>RFQ</p> |  | <p><b>LS102MA-SWSP-PRM</b></p> <p>Manufacturers: NXP<br/>Description: SOFTWARE SUPPORT LS102MA PREMIUM<br/>In stock: 5168 pcs</p>                               |
|  | <p><b>LS102MASN7EHA</b></p> <p>Manufacturers: NXP<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: 6514 pcs</p> <p>RFQ</p>           |  | <p><b>LS103A-GS08</b></p> <p>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: DIODE SCHOTTKY 40V 15A SOD80<br/>In stock: 1478124 pcs</p> <p>RFQ</p> |