

NXP Semiconductors / Freescale

LS1012ASN7HKA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LS1012ASN7HKA                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | QORIQ 64-BIT ARM MPU 800MHZ STD                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3707 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

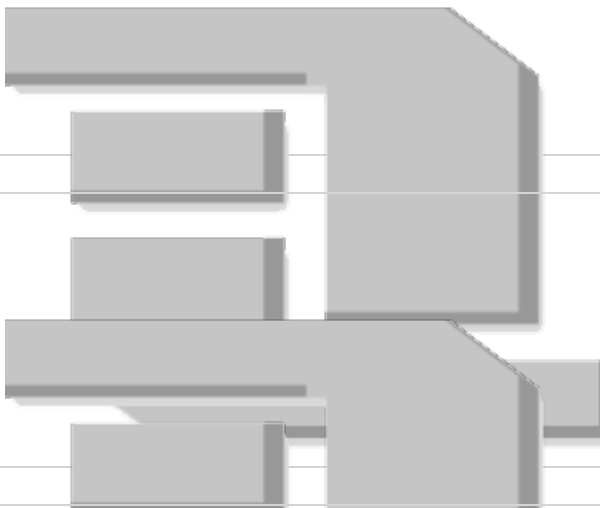
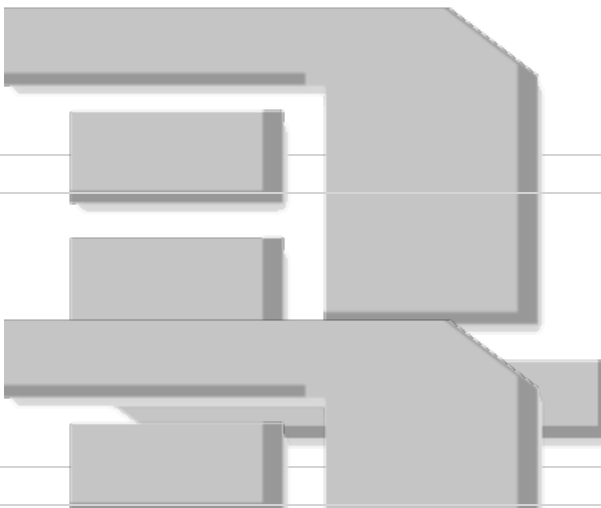
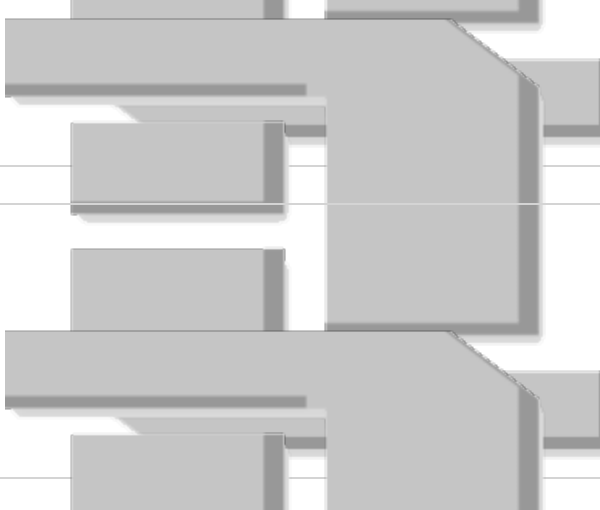
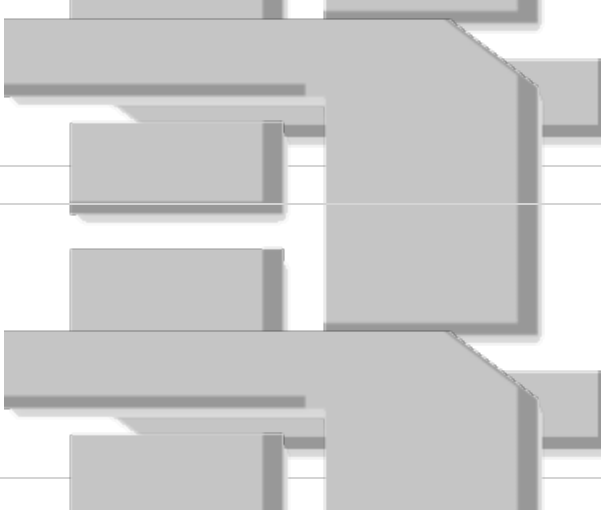
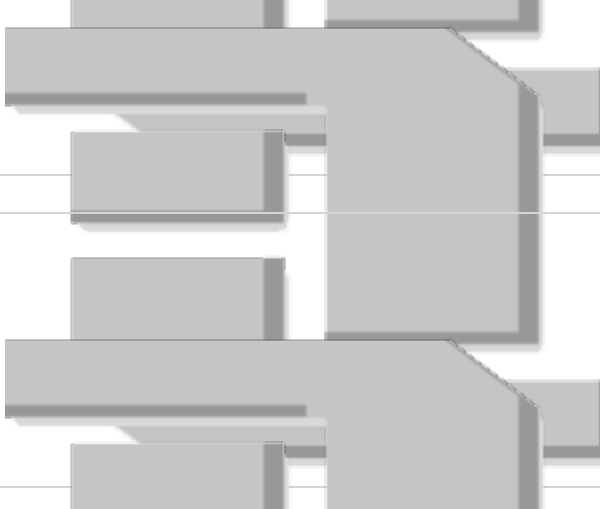
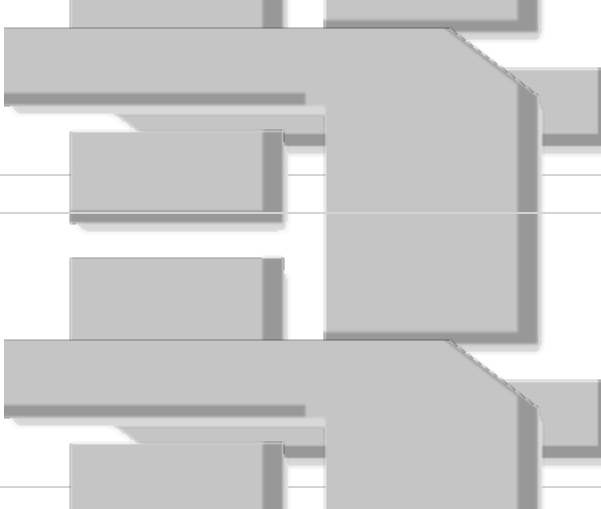
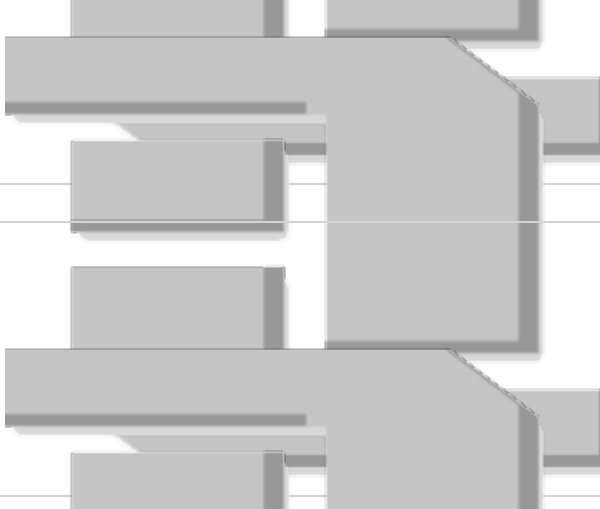
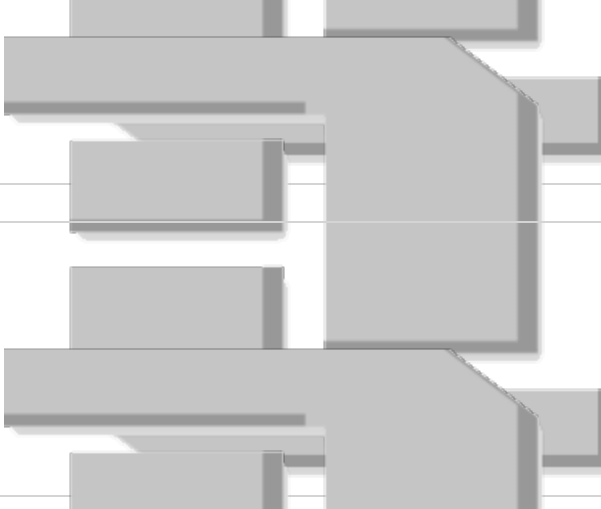
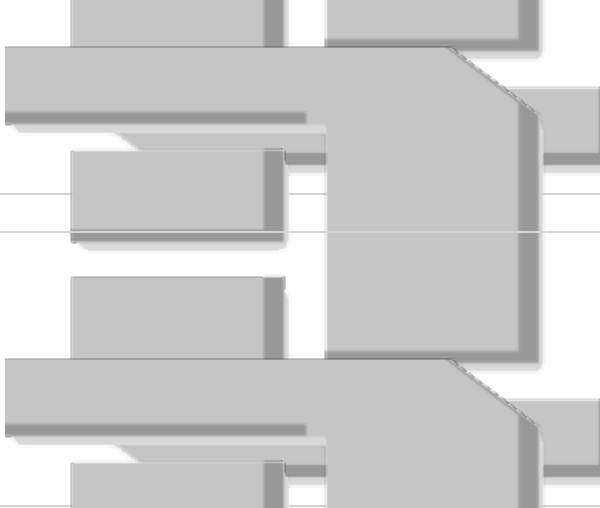
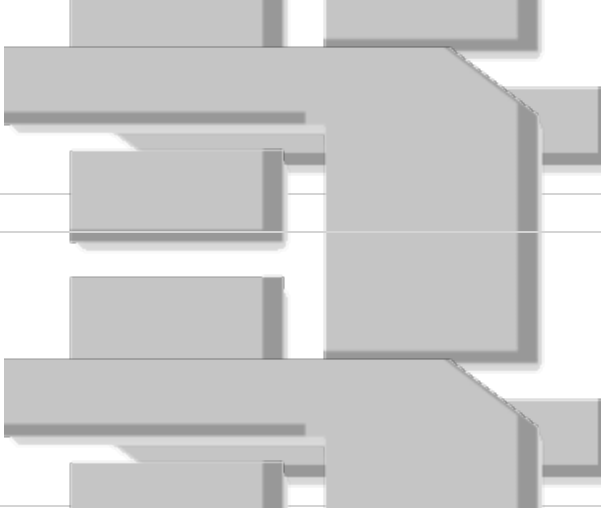
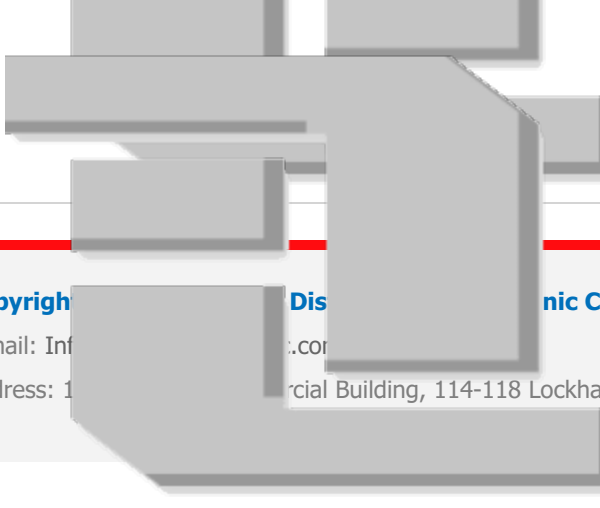
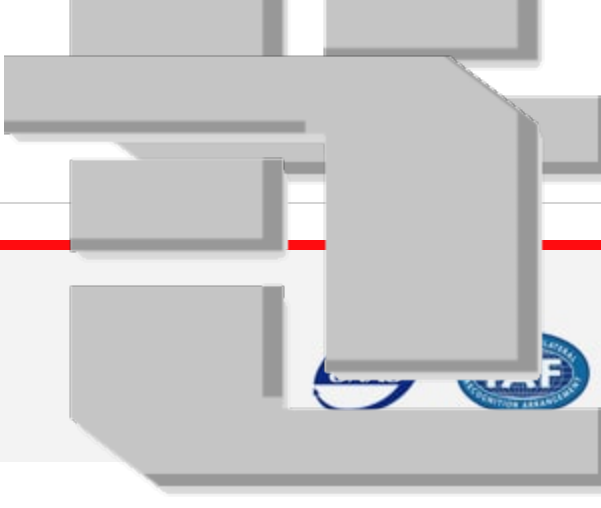
Specifications of LS1012ASN7HKA

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | LS1012ASN7HKA                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | QORIQ 64-BIT ARM MPU 800MHZ STD                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 3707 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| USB                              | USB 2.0 (1), USB 3.0 + PHY                                                          |
| SUPPLIER DEVICE PACKAGE          | 211-FCLGA (9.6x9.6)                                                                 |
| SPEED                            | 800MHz                                                                              |
| SERIES                           | QorIQ™                                                                              |
| SECURITY FEATURES                | ARM TZ                                                                              |
| SATA                             | SATA 6Gbps (1)                                                                      |
| RAM CONTROLLERS                  | DDR3L                                                                               |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 211-VFLGA                                                                           |
| OTHER NAMES                      | 568-14050<br>935318754557<br>LS1012ASN7HKA-ND                                       |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                    |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 64-Bit                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| ETHERNET                         | -                                                                                   |
| DETAILED DESCRIPTION             | ARM® Cortex®-A53 Microprocessor IC QorIQ™ 1 Core, 64-Bit 800MHz 211-FCLGA (9.6x9.6) |
| CORE PROCESSOR                   | ARM® Cortex®-A53                                                                    |
| CO-PROCESSORS/DSP                | -                                                                                   |
| ADDITIONAL INTERFACES            | eMMC/SD/SDIO, I²C, I²S, SPI, UART                                                   |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| LS1012ASN7HKA               | LS1012ASN7HKA Distributor        | LS1012ASN7HKA Supplier  |
| LS1012ASN7HKA Price         | LS1012ASN7HKA Pictures           | LS1012ASN7HKA Image     |
| LS1012ASN7HKA PDF Datasheet | LS1012ASN7HKA Download Datasheet | LS1012ASN7HKA Datasheet |
| LS1012ASN7HKA Stock         | Buy LS1012ASN7HKA                | Buy LS1012ASN7HKA       |
| LS1012ASN7HKA               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LS1012AXE7EKA</b><br>Manufacturers: NXP<br>Description: QORIQ 64-BIT ARM MPU 600MHZ EXT<br>In stock: 4286 pcs<br><b>RFQ</b> |  | <b>LS1012AXE7HKA</b><br>Manufacturers: NXP<br>Description: QORIQ 64-BIT ARM MPU 800MHZ EXT<br>In stock: 3876 pcs<br><b>RFQ</b> |
|  | <b>LS1012AXE7EKB</b><br>Manufacturers: NXP<br>Description: LS1012A XT WE 600MHZ RV2<br>In stock: 3853 pcs<br><b>RFQ</b>        |  | <b>LS1012ASN7EKA</b><br>Manufacturers: NXP<br>Description: QORIQ 64-BIT ARM MPU 600MHZ STD<br>In stock: 4974 pcs<br><b>RFQ</b> |
|  | <b>LS1012ASN7EKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST 600MHZ RV2<br>In stock: 4808 pcs<br><b>RFQ</b>           |  | <b>LS1012ASN7KKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST 1GHZ RV2<br>In stock: 3354 pcs<br><b>RFQ</b>             |
|  | <b>LS1012ASE7HKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST WE 800MHZ RV2<br>In stock: 4165 pcs<br><b>RFQ</b>        |  | <b>LS1012AXE7HKB</b><br>Manufacturers: NXP<br>Description: LS1012A XT WE 800MHZ RV2<br>In stock: 4109 pcs<br><b>RFQ</b>        |
|  | <b>LS1012ASE7EKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST WE 600MHZ RV2<br>In stock: 4536 pcs<br><b>RFQ</b>        |  | <b>LS1012ASN7HKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST 800MHZ RV2<br>In stock: 3994 pcs<br><b>RFQ</b>           |
|  | <b>LS1012ASE7HKA</b><br>Manufacturers: NXP<br>Description: QORIQ 64-BIT ARM MPU 800MHZ STD<br>In stock: 3751 pcs<br><b>RFQ</b> |  | <b>LS1012ASE7KKB</b><br>Manufacturers: NXP<br>Description: LS1012A ST WE 1GHZ RV2<br>In stock: 3675 pcs<br><b>RFQ</b>          |

