

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC18S30FBD144E                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT ROMLESS 144LQFP                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13235 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

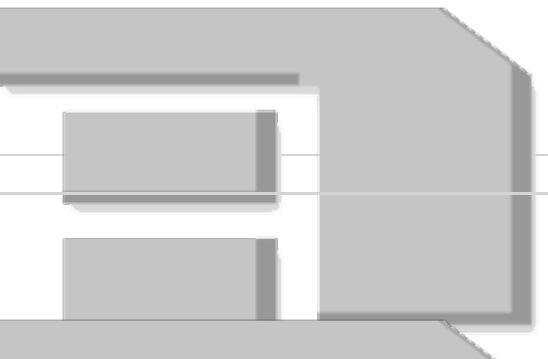
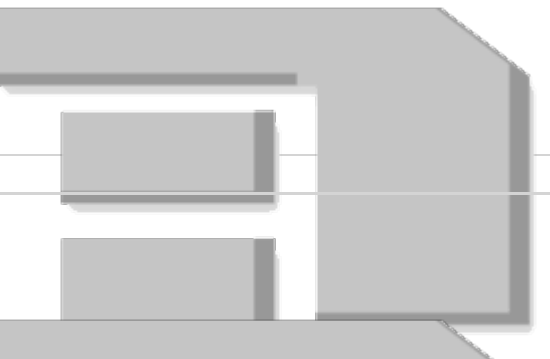
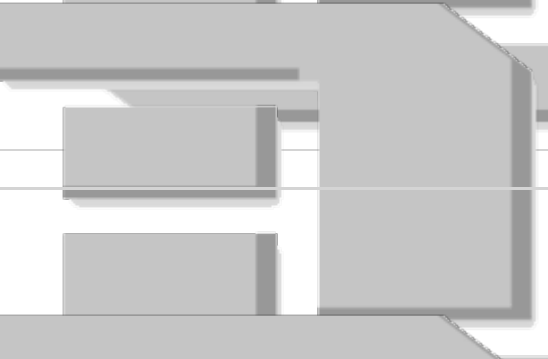
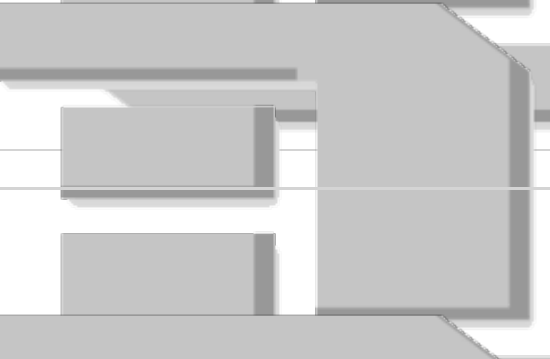
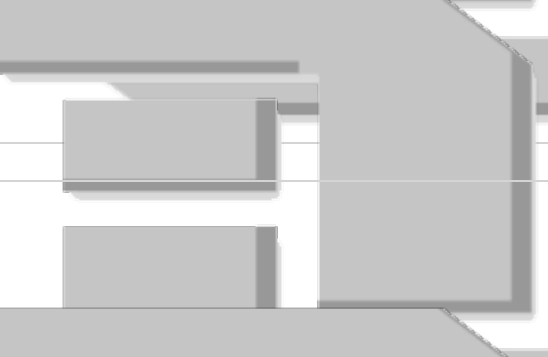
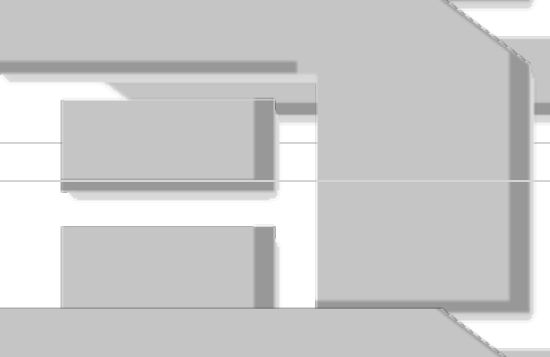
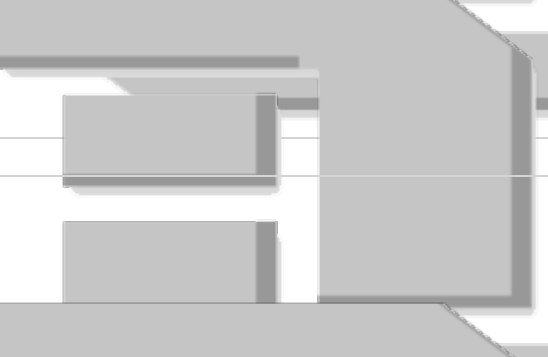
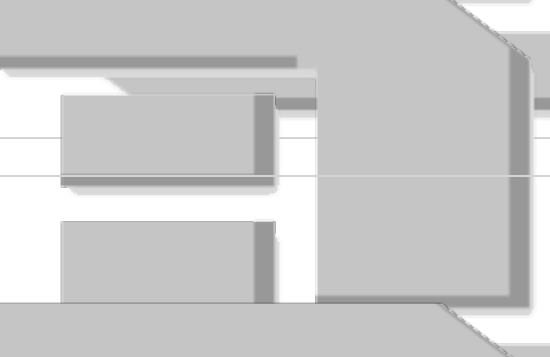
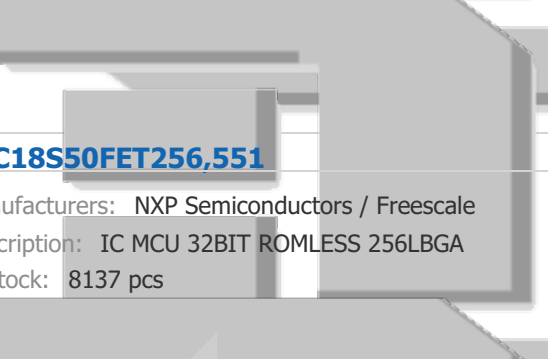
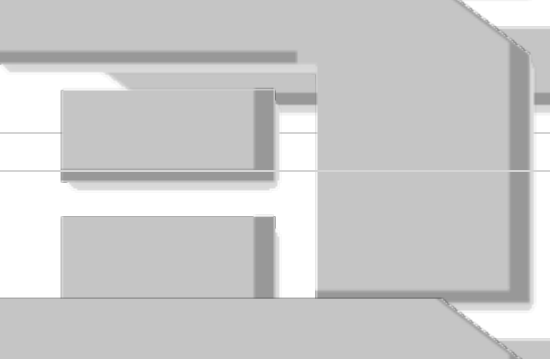
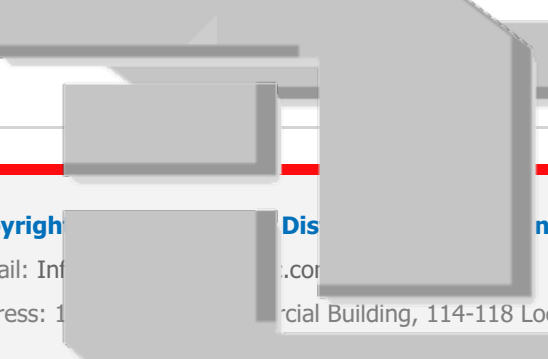
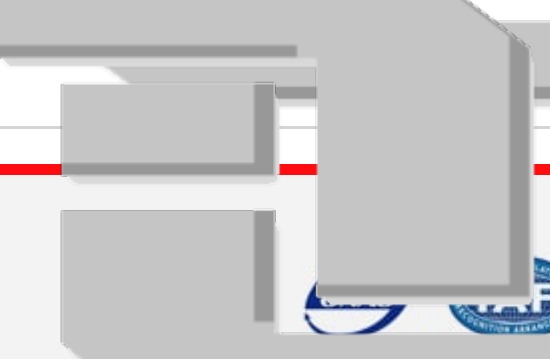
Specifications of LPC18S30FBD144E

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC18S30FBD144E                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                               |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 144LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 13235 pcs                                                                                    |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                             |
| SPEED                            | 180MHz                                                                                       |
| SERIES                           | LPC18xx                                                                                      |
| RAM SIZE                         | 200K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | ROMless                                                                                      |
| PROGRAM MEMORY SIZE              | -                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                              |
| PACKAGING                        | Tray                                                                                         |
| PACKAGE / CASE                   | 144-LQFP                                                                                     |
| OTHER NAMES                      | 935305902551                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                            |
| NUMBER OF I/O                    | 83                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| EEPROM SIZE                      | -                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 LPC18xx Microcontroller IC 32-Bit 180MHz ROMless 144-LQFP (20x20)            |
| DATA CONVERTERS                  | A/D 8x10b; D/A 1x10b                                                                         |
| CORE SIZE                        | 32-Bit                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, QEI, MMC/SD, SPI, SSI, SSP, UART/USART, USB |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| LPC18S30FBD144E               | LPC18S30FBD144E Distributor        | LPC18S30FBD144E Supplier  |
| LPC18S30FBD144E Price         | LPC18S30FBD144E Pictures           | LPC18S30FBD144E Image     |
| LPC18S30FBD144E PDF Datasheet | LPC18S30FBD144E Download Datasheet | LPC18S30FBD144E Datasheet |
| LPC18S30FBD144E Stock         | Buy LPC18S30FBD144E                | Buy LPC18S30FBD144E       |
| LPC18S30FBD144E               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                    |
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|  <div><b>LPC18S37JET100E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>1MB FLASH 100TFBGA<br/>In stock: 7505 pcs<br/>RFQ</div>                |  <div><b>LPC18S10FET100E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 100TFBGA<br/>In stock: 12193 pcs<br/>RFQ</div>   |
|  <div><b>LPC18S50FET180E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 180TFBGA<br/>In stock: 9242 pcs<br/>RFQ</div>                  |  <div><b>LPC18S30FET100E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 100TFBGA<br/>In stock: 17026 pcs<br/>RFQ</div>   |
|  <div><b>LPC1857JET256,551</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>1MB FLASH 256LBGA<br/>In stock: 6162 pcs<br/>RFQ</div>               |  <div><b>LPC18S10FET180E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 180TFBGA<br/>In stock: 12572 pcs<br/>RFQ</div>   |
|  <div><b>LPC18S37JBD144E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>1MB FLASH 144LQFP<br/>In stock: 8542 pcs<br/>RFQ</div>                 |  <div><b>LPC1857JBD208E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>1MB FLASH 208LQFP<br/>In stock: 6460 pcs<br/>RFQ</div>    |
|  <div><b>LPC18S50FET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 256LBGA<br/>In stock: 8137 pcs</div> |  <div><b>LPC1857FET256,551</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>1MB FLASH 256LBGA<br/>In stock: 7164 pcs<br/>RFQ</div> |
|  <div><b>LPC18S30FET256E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 256LBGA<br/>In stock: 9615 pcs<br/>RFQ</div>                   |  <div><b>LPC18S10FBD144E</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT<br/>ROMLESS 144LQFP<br/>In stock: 12581 pcs<br/>RFQ</div>    |