

NXP Semiconductors / Freescale

LPC4330FET180,551

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC4330FET180,551                                                                                            |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT ROMLESS 180TFBGA                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10997 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

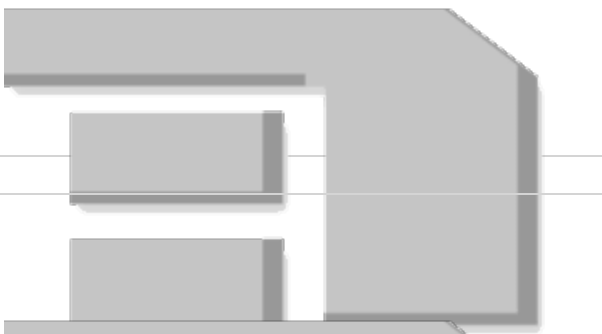
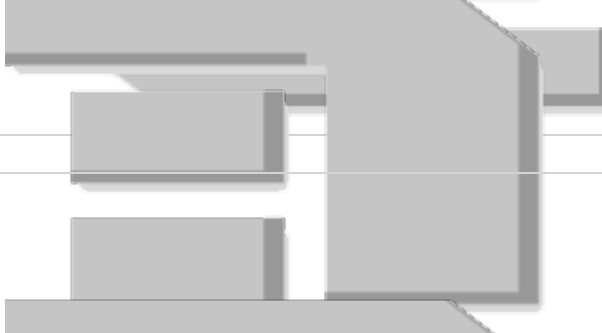
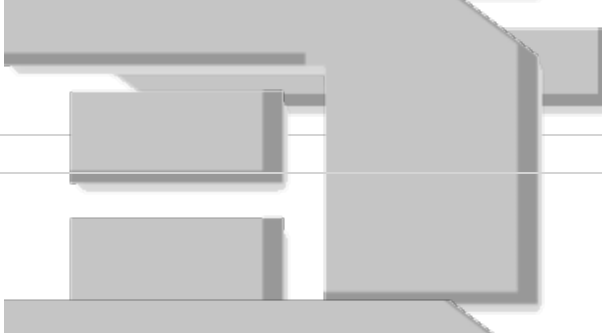
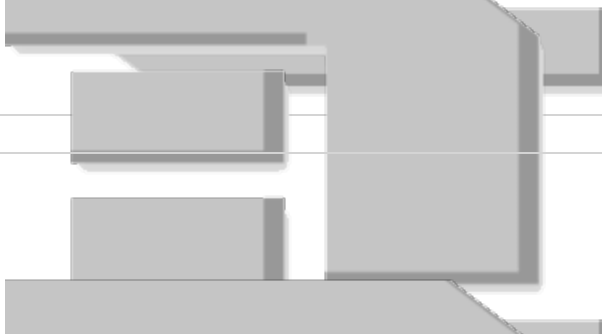
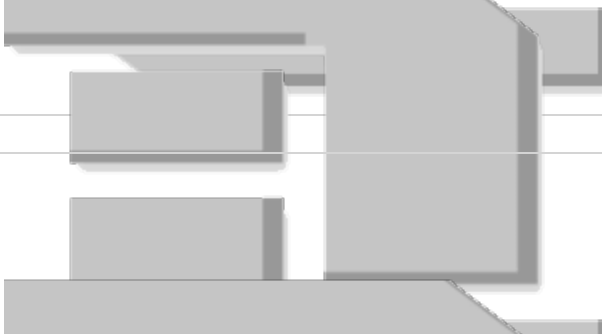
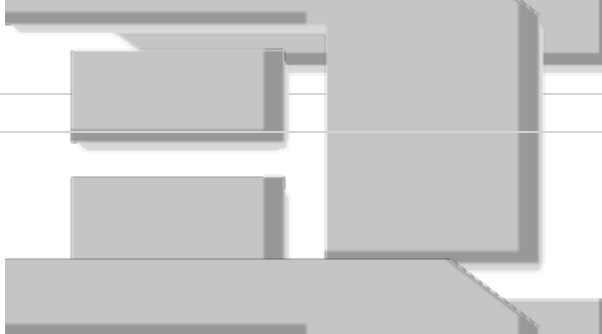
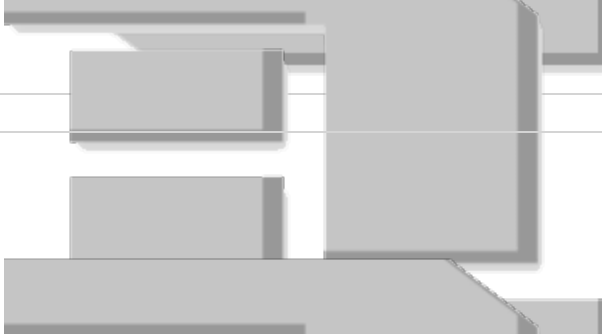
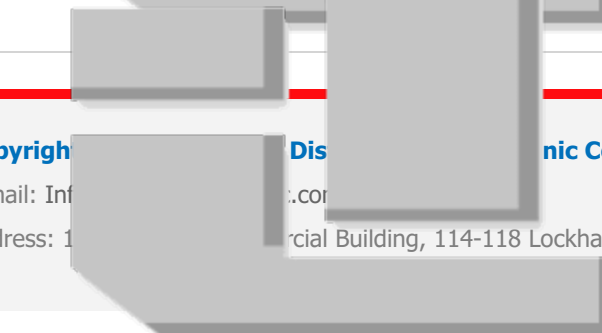
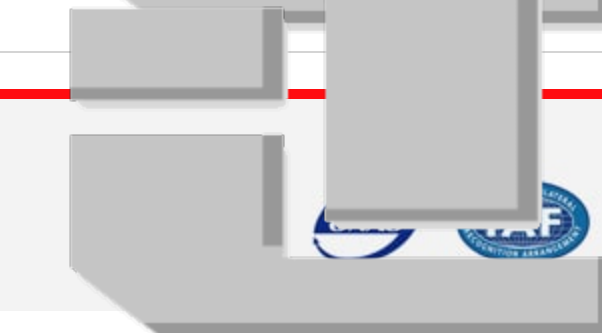
Specifications of LPC4330FET180,551

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC4330FET180,551                                                                               |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 180TFBGA                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 10997 pcs                                                                                       |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 180-TFBGA (12x12)                                                                               |
| SPEED                            | 204MHz                                                                                          |
| SERIES                           | LPC43xx                                                                                         |
| RAM SIZE                         | 264K x 8                                                                                        |
| PROGRAM MEMORY TYPE              | ROMless                                                                                         |
| PROGRAM MEMORY SIZE              | -                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT                              |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 180-TFBGA                                                                                       |
| OTHER NAMES                      | 568-12060<br>935296292551<br>LPC4330FET180,551-ND                                               |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                               |
| NUMBER OF I/O                    | 118                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| EEPROM SIZE                      | -                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz ROMless 180-TFBGA (12x12) |
| DATA CONVERTERS                  | A/D 8x10b; D/A 1x10b                                                                            |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M4/M0                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG    |
| BASE PART NUMBER                 | LPC4330                                                                                         |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LPC4330FET180,551               | LPC4330FET180,551 Distributor        | LPC4330FET180,551 Supplier  |
| LPC4330FET180,551 Price         | LPC4330FET180,551 Pictures           | LPC4330FET180,551 Image     |
| LPC4330FET180,551 PDF Datasheet | LPC4330FET180,551 Download Datasheet | LPC4330FET180,551 Datasheet |
| LPC4330FET180,551 Stock         | Buy LPC4330FET180,551                | Buy LPC4330FET180,551       |
| LPC4330FET180,551               | Supplier                             | Distributor                 |

Related Products

|                                                                                    |                                                                                                                                     |                                                                                      |                                                                                                                                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LPC4333FET256,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256LBGA<br>In stock: 7236 pcs<br><b>RFQ</b> |  | <b>LPC4327JBD144E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 7228 pcs<br><b>RFQ</b>    |
|  | <b>LPC4330FET100,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 100TFBGA<br>In stock: 10915 pcs<br><b>RFQ</b>   |  | <b>LPC4333JBD144E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br>In stock: 7586 pcs<br><b>RFQ</b>    |
|  | <b>LPC4330FET180Y</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 180TFBGA<br>In stock: 18592 pcs<br><b>RFQ</b>      |  | <b>LPC4333JET256,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256LBGA<br>In stock: 7647 pcs<br><b>RFQ</b> |
|  | <b>LPC4330FET256,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 256LBGA<br>In stock: 9009 pcs<br><b>RFQ</b>     |  | <b>LPC4330FBD144,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 144LQFP<br>In stock: 9772 pcs<br><b>RFQ</b>     |
|  | <b>LPC4333JET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100BGA<br>In stock: 6568 pcs<br><b>RFQ</b>     |  | <b>LPC4327JET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br>In stock: 8668 pcs<br><b>RFQ</b>     |
|  | <b>LPC4330FET100Y</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 100TFBGA<br>In stock: 18548 pcs<br><b>RFQ</b>      |  | <b>LPC4325JET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 768KB FLASH 100BGA<br>In stock: 9455 pcs<br><b>RFQ</b>     |