

NXP Semiconductors / Freescale

LPC2158FBD100,551

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC2158FBD100,551                                                                                            |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4926 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

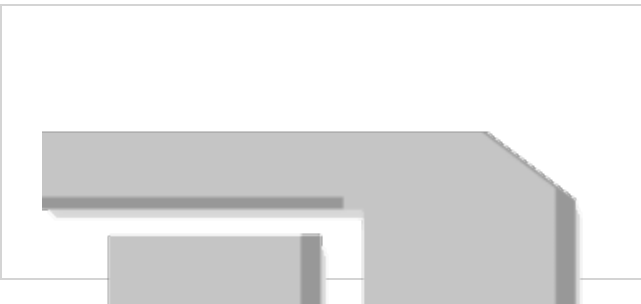
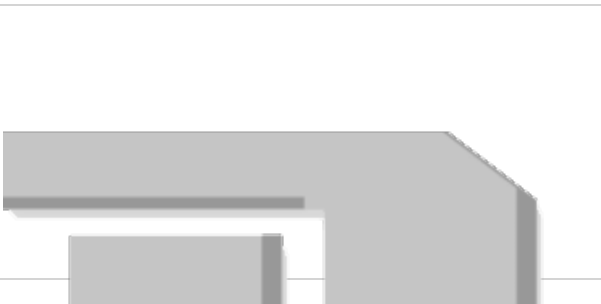
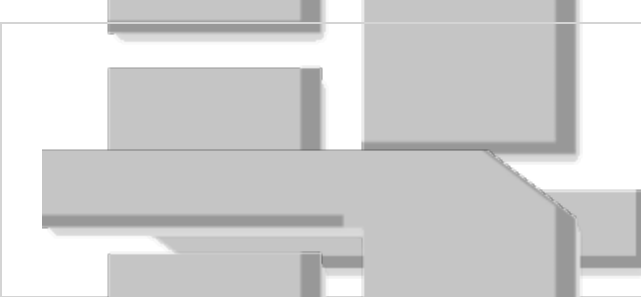
Specifications of LPC2158FBD100,551

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC2158FBD100,551                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                           |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| QUANTITY AVAILABLE               | 4926 pcs                                                                                 |
| DATA SHEET                       |                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                              |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                         |
| SPEED                            | 60MHz                                                                                    |
| SERIES                           | LPC2100                                                                                  |
| RAM SIZE                         | 40K x 8                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                    |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                          |
| PACKAGING                        | Tray                                                                                     |
| PACKAGE / CASE                   | 100-LQFP                                                                                 |
| OTHER NAMES                      | 568-4691<br>935287349551<br>LPC2158FBD100-S                                              |
| OSCILLATOR TYPE                  | Internal                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                        |
| NUMBER OF I/O                    | 38                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| EEPROM SIZE                      | -                                                                                        |
| DETAILED DESCRIPTION             | ARM7® LPC2100 Microcontroller IC 16/32-Bit 60MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 14x10b; D/A 1x10b                                                                    |
| CORE SIZE                        | 16/32-Bit                                                                                |
| CORE PROCESSOR                   | ARM7®                                                                                    |
| CONNECTIVITY                     | I²C, Microwire, SPI, SSI, SSP, UART/USART, USB                                           |
| BASE PART NUMBER                 | LPC215*                                                                                  |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LPC2158FBD100,551               | LPC2158FBD100,551 Distributor        | LPC2158FBD100,551 Supplier  |
| LPC2158FBD100,551 Price         | LPC2158FBD100,551 Pictures           | LPC2158FBD100,551 Image     |
| LPC2158FBD100,551 PDF Datasheet | LPC2158FBD100,551 Download Datasheet | LPC2158FBD100,551 Datasheet |
| LPC2158FBD100,551 Stock         | Buy LPC2158FBD100,551                | Buy LPC2158FBD100,551       |
| LPC2158FBD100,551               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                                |                                                                                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              | <b>LPC2194HBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 6964 pcs<br>   |  | <b>LPC2142FBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 9312 pcs<br>    |
|                                                              | <b>LPC2144FBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 8284 pcs<br>   |  | <b>LPC2212FBD144,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 128KB FLASH 144LQFP<br>In stock: 5831 pcs<br> |
|                                                              | <b>LPC2157FBD100,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br>In stock: 4261 pcs<br> |  | <b>LPC2146FBD64,557</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 9975 pcs<br>   |
|                                                              |                                                                                                                                                                                                              |  | <b>LPC2148FBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br>In stock: 5815 pcs<br>   |
| <b>LPC2210FBD144,01,5</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 32BIT ROMLESS 144LQFP<br>In stock: 12402 pcs | <b>LPC2210FBD144,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 144LQFP<br>In stock: 6747 pcs<br>     |  | <b>LPC2146FBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 5887 pcs<br>   |
|                                                              | <b>LPC2194JBD64,151</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 2948 pcs<br>   |  |                                                                                                                                                                                                                |

