

LPC4357JBD208E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC4357JBD208E                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 1MB FLASH 208LQFP                                                                                       |
| Datasheets:         |  <a href="#">LPC4357JBD208E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

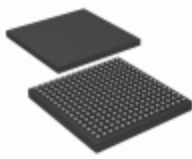
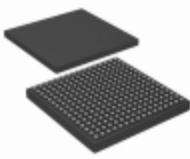
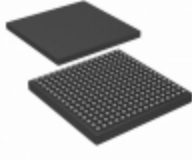
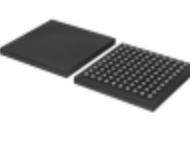
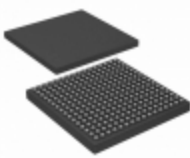
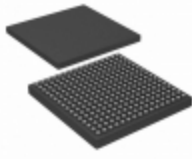
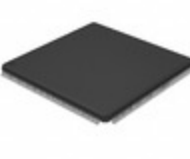
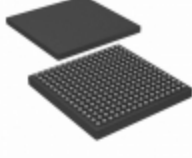
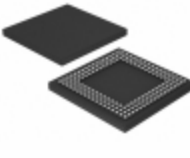
Specifications of LPC4357JBD208E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC4357JBD208E                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 208LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">LPC4357JBD208E.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 208-LQFP (28x28)                                                                                                       |
| SPEED                            | 204MHz                                                                                                                 |
| SERIES                           | LPC43xx                                                                                                                |
| RAM SIZE                         | 136K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, Motor Control PWM, POR, PWM, WDT                                                |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 208-LQFP                                                                                                               |
| OTHER NAMES                      | 568-12067<br>935299642551<br>LPC4357JBD208E-ND                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 142                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 16K x 8                                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz 1MB (1M x 8) FLASH 208-LQFP (28x28)              |
| 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, QEI, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG                      |
| BASE PART NUMBER                 | LPC4357                                                                                                                |

Related Tags

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| Freescale Semiconductor - NXP LPC4357JBD208E  | NXP USA Inc. LPC4357JBD208E             |                                                   |

Related Products

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|  <div><b>LPC4350FET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 256LBGA<br/>In stock: 390 pcs<br/><b>RFQ</b></div>       |  <div><b>LPC4353JET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 256LBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>LPC4353FET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 256LBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>LPC4370FET100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 100TFBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>       |
|  <div><b>LPC4366JET256E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MCU 32BIT ARM CORTEX 256LBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>        |  <div><b>LPC4357JET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 256LBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>LPC4367JBD208E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br/>In stock: 39 pcs<br/><b>RFQ</b></div>         |  <div><b>LPC4367JET100E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br/>In stock: 190 pcs<br/><b>RFQ</b></div>       |
|  <div><b>LPC4357FET256,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 256LBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>LPC4353JBD208E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 208LQFP<br/>In stock: 36 pcs<br/><b>RFQ</b></div>       |
|  <div><b>LPC4367JET256E</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 256LBGA<br/>In stock: 219 pcs<br/><b>RFQ</b></div>        |  <div><b>LPC4350FET180,551</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 180TFBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>    |