

NXP Semiconductors / Freescale

LPC4370FET256E

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | LPC4370FET256E                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 32BIT ROMLESS 256LBGA                     |
| Datasheets:         |                                                  |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 8040 pcs stock                                   |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

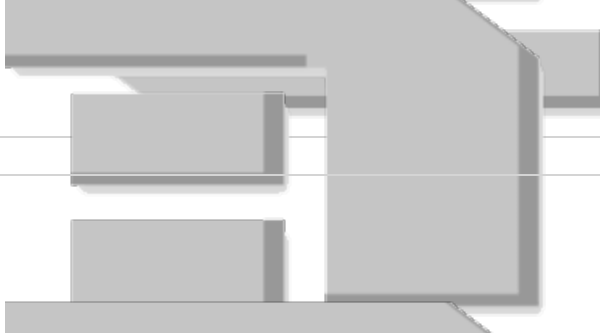
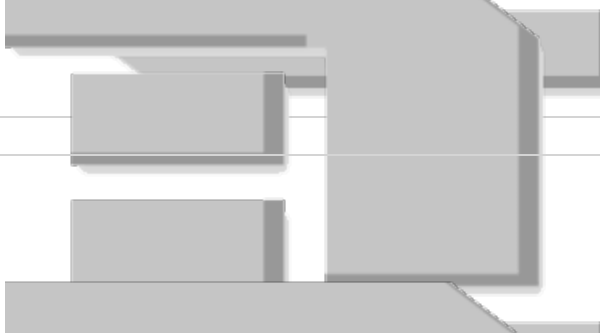
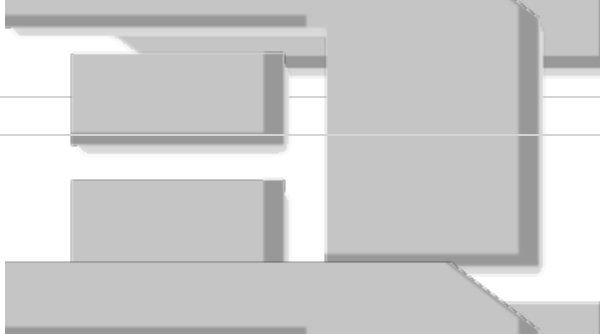
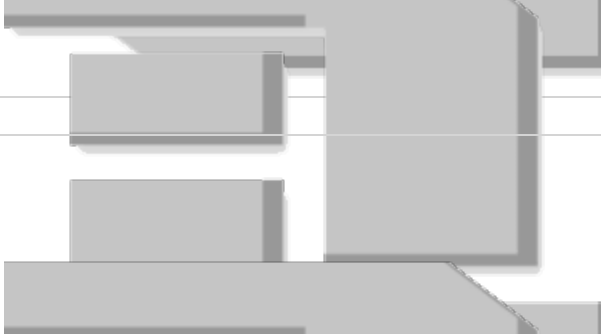
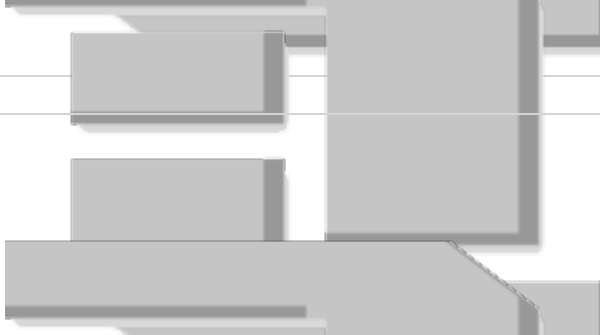
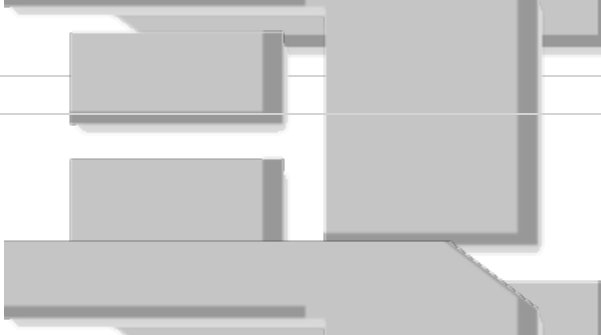
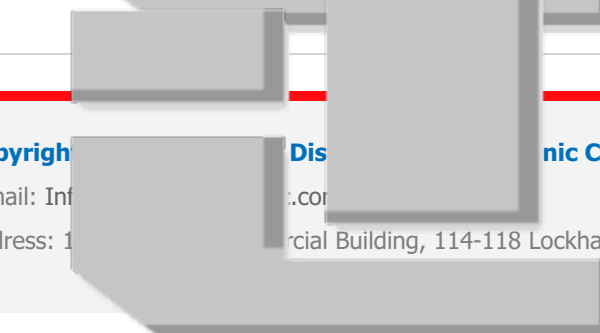
Specifications of LPC4370FET256E

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC4370FET256E                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 256LBGA                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 8040 pcs                                                                                         |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 256-LBGA (17x17)                                                                                 |
| SPEED                            | 204MHz                                                                                           |
| SERIES                           | LPC43xx                                                                                          |
| RAM SIZE                         | 282K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | ROMless                                                                                          |
| PROGRAM MEMORY SIZE              | -                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                             |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | 256-LBGA                                                                                         |
| OTHER NAMES                      | 568-10923<br>935299462551<br>LPC4370FET256E-ND                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF I/O                    | 164                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4/M0/M0 LPC43xx Microcontroller IC 32-Bit Tri-Core 204MHz ROMless 256-LBGA (17x17) |
| DATA CONVERTERS                  | A/D 16x10b, 6x12b, D/A 1x10b                                                                     |
| CORE SIZE                        | 32-Bit Tri-Core                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M4/M0/M0                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, SSC, UART/USART, USB                              |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| LPC4370FET256E               | LPC4370FET256E Distributor        | LPC4370FET256E Supplier  |
| LPC4370FET256E Price         | LPC4370FET256E Pictures           | LPC4370FET256E Image     |
| LPC4370FET256E PDF Datasheet | LPC4370FET256E Download Datasheet | LPC4370FET256E Datasheet |
| LPC4370FET256E Stock         | Buy LPC4370FET256E                | Buy LPC4370FET256E       |
| LPC4370FET256E               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                       |                                                                                      |                                                                                                                                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LPC43S20FBD144E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 144LQFP<br>In stock: 9377 pcs<br><div>RFQ</div>     |  | <b>LPC43S20FET180E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 180TFBGA<br>In stock: 13695 pcs<br><div>RFQ</div> |
|  | <b>LPC4367JET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 100TFBGA<br>In stock: 7243 pcs<br><div>RFQ</div>   |  | <b>LPC43S30FET256E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 256LBGA<br>In stock: 7466 pcs<br><div>RFQ</div>   |
|  | <b>LPC4367JBD208E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 208LQFP<br>In stock: 6241 pcs<br><div>RFQ</div>    |  | <b>LPC4366JET256E</b><br>Manufacturers: NXP<br>Description: MCU 32BIT ARM CORTEX 256LBGA<br>In stock: 6671 pcs<br><div>RFQ</div>    |
|  | <b>LPC4367JET256E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 256LBGA<br>In stock: 6433 pcs<br><div>RFQ</div>    |  | <b>LPC43S30FBD144E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 144LQFP<br>In stock: 10241 pcs<br><div>RFQ</div>  |
|  | <b>LPC4370FET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 100TFBGA<br>In stock: 10271 pcs<br><div>RFQ</div>    |  | <b>LPC43S37JBD144E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 6213 pcs<br><div>RFQ</div> |
|  | <b>LPC4357JET256,551</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 256LBGA<br>In stock: 5396 pcs<br><div>RFQ</div> |  | <b>LPC43S30FET100E</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 100TFBGA<br>In stock: 9209 pcs<br><div>RFQ</div>  |