

**NXP Semiconductors / Freescale**



Image may be representation. See specifications for product details.

**LPC811M001JDH16J**

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LPC811M001JDH16J                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 8KB FLASH 16TSSOP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 172120 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

## REQUEST FOR QUOTATION

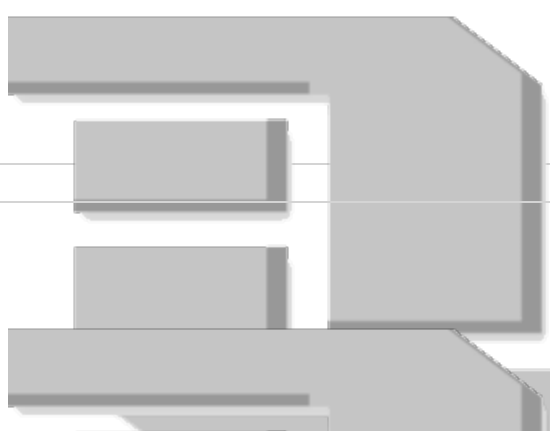
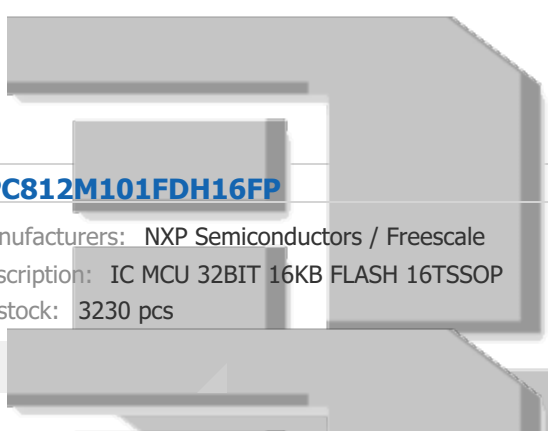
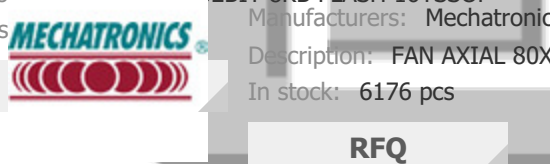
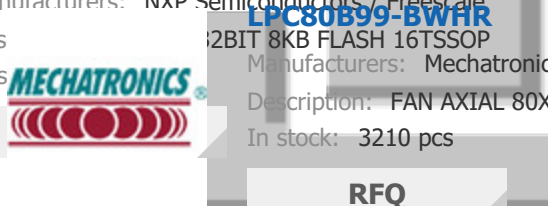
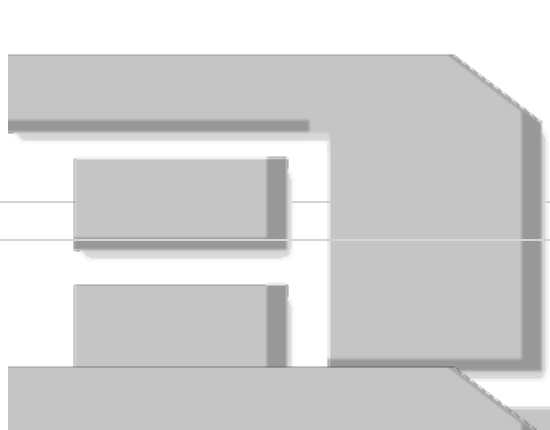
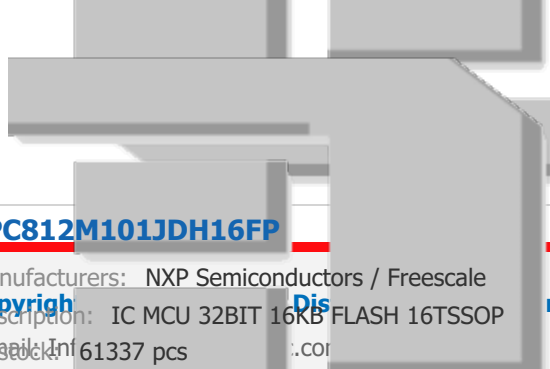
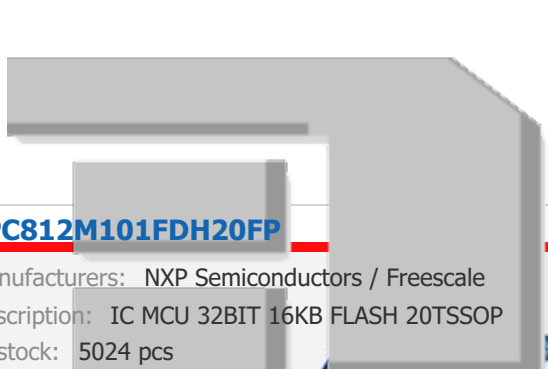
## Specifications of LPC811M001JDH16J

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | LPC811M001JDH16J                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | IC MCU 32BIT 8KB FLASH 16TSSOP                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 172120 pcs                                                                           |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP                                                                             |
| SPEED                            | 30MHz                                                                                |
| SERIES                           | LPC81xM                                                                              |
| RAM SIZE                         | 2K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width)                                                      |
| OTHER NAMES                      | 568-13156-2<br>935302397118<br>LPC811M001JDH16J-ND                                   |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                   |
| NUMBER OF I/O                    | 14                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | -                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ LPC81xM Microcontroller IC 32-Bit 30MHz 8KB (8K x 8) FLASH 16-TSSOP |
| DATA CONVERTERS                  | -                                                                                    |
| CORE SIZE                        | 32-Bit                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                     |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                 |
| BASE PART NUMBER                 | LPC811M001                                                                           |

## Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| LPC811M001JDH16J               | LPC811M001JDH16J Distributor        | LPC811M001JDH16J Supplier  |
| LPC811M001JDH16J Price         | LPC811M001JDH16J Pictures           | LPC811M001JDH16J Image     |
| LPC811M001JDH16J PDF Datasheet | LPC811M001JDH16J Download Datasheet | LPC811M001JDH16J Datasheet |
| LPC811M001JDH16J Stock         | Buy LPC811M001JDH16J                | Buy LPC811M001JDH16J       |
| LPC811M001JDH16J               | Supplier                            | Distributor                |

## Related Products

|                                                                                    |                                                                                                                                                                                |                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>LPC812M101JD20J</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 20SO</p> <p>In stock: 147186 pcs</p> <p>RFQ</p>                                |  <p><b>LPC812M101FDH16FP</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 16KB FLASH 16TSSOP</p> <p>In stock: 3230 pcs</p> <p>RFQ</p> |
|  | <p><b>LPC811M001FDH16FP</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 16KB FLASH 16TSSOP</p> <p>In stock: 6176 pcs</p> <p>RFQ</p>  |  <p><b>LPC812M101JD20FP</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 20SO</p> <p>In stock: 57794 pcs</p> <p>RFQ</p>                               |
|  | <p><b>LPC80B99-BTMR</b></p> <p>Manufacturers: Mechatronics</p> <p>Description: FAN AXIAL 80X25MM 90-264VAC WIRE</p> <p>In stock: 6681 pcs</p> <p>RFQ</p>                       |  <p><b>LPC811M001JDH16FP</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 16KB FLASH 16TSSOP</p> <p>In stock: 3210 pcs</p> <p>RFQ</p> |
|  | <p><b>LPC812M101FD20FP</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 16KB FLASH 20SO</p> <p>In stock: 2773 pcs</p> <p>RFQ</p>                                 |  <p><b>LPC80B99-BWER</b></p> <p>Manufacturers: Mechatronics</p> <p>Description: FAN AXIAL 80X25MM 90-264VAC WIRE</p> <p>In stock: 4516 pcs</p> <p>RFQ</p>                       |
|  | <p><b>LPC812M101JDH16FP</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 16KB FLASH 16TSSOP</p> <p>In stock: 61337 pcs</p> <p>RFQ</p> |  <p><b>LPC812M101FDH20FP</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 16KB FLASH 20TSSOP</p> <p>In stock: 5024 pcs</p> <p>RFQ</p> |