

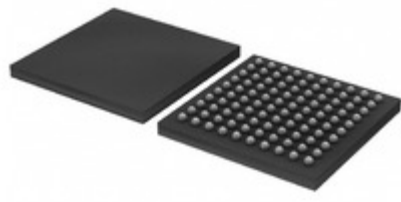



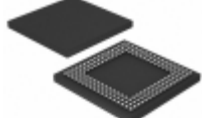



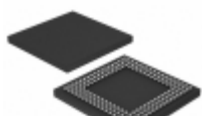


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|---|--|
|  | <p><b>LPC54005JET100E</b></p>  |
|   | <p><b>Manufacturer Part Number:</b> LPC54005JET100E</p> <p><b>Manufacturer/Brand:</b> NXP Semiconductors / Freescale</p> <p><b>Part of Description:</b> 32-BIT ARM CORTEX-M4</p> <p><b>Datasheets:</b> <a href="#">1.LPC54005JET100E.pdf</a><br/><a href="#">2.LPC54005JET100E.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup><br/>New original, 260 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
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| <p>Image may be representation.<br/>See specs for product details.</p>            |  |

Specifications

|                                  |  |
|----------------------------------|--|
| Part Number                      | LPC54005JET100E  |
| Manufacturer                     | NXP Semiconductors / Freescale                                 |
| Description                      | 32-BIT ARM CORTEX-M4   |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers        |
| Part Status                      | 260 pcs Stock  |
| Voltage - Supply (Vcc/Vdd)       | 1.71 V ~ 3.6 V   |
| Supplier Device Package          | 100-TFBGA (9x9)  |
| Speed                            | 180MHz   |
| Series                           | LPC540xx   |
| RAM Size                         | 360K x 8   |
| Program Memory Type              | ROMless  |
| Program Memory Size              | -  |
| Peripherals                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT   |
| Packaging                        | Tray   |
| Package / Case                   | 100-TFBGA  |
| Other Names                      | 568-13834  |
| Oscillator Type                  | Internal   |
| Operating Temperature            | -40°C ~ 105°C (TA)   |
| Number of I/O                    | 64   |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)  |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                     |
| EEPROM Size                      | -  |
| Detailed Description             | ARM® Cortex®-M4 LPC540xx Microcontroller IC 32-Bit             |
| Data Converters                  | A/D 12x12b   |
| Core Size                        | 32-Bit   |
| Core Processor                   | ARM® Cortex®-M4  |
| Connectivity                     | EBI/EMI, I <sup>2</sup> C, MMC/SD/SDIO, SmartCard, SPI, SPIFI, |

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