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We Make It*

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NXP31xx Evaluation Board Spec

Adcom NXP31xx EVB board provides a simple and quick start for hardware and software development for a variety of applications and combinations based on the NXP31xx features:

- 32 Bit ARM 9 CORE
- 180MHz clock
- High speed USB2
- Up to 192kB SRAM

The NXP31xx EVB comes with a User Manual, Schematics, and Examples.

Board Specification

- **Power Supplies**
 - Input power from external 12V DC power supply
 - On board power supplies
- **Connectors for Communication Interfaces**
 - High speed USB 2.0
 - SPI
 - FAST UART
 - I2C Bus
 - I2S Bus
- **On board Memory**
 - NAND Flash
 - SPI Flash
 - SDRAM
 - I2C EEPROM
 - SD card socket
- **I/O Interfaces**
 - LCD display
 - Digital GPIO
 - 4 channel 10Bit ADC
 - JTAG
- **Additional features**
 - 8 Push buttons for General purpose use
 - 8 LEDs for General purpose use
 - Adjustable (0.8-6V) 0.5A Power supply for General purpose use
 - Playground area for General purpose use
 - Connectors for extension boards (GPS, Bluetooth, motors etc.)

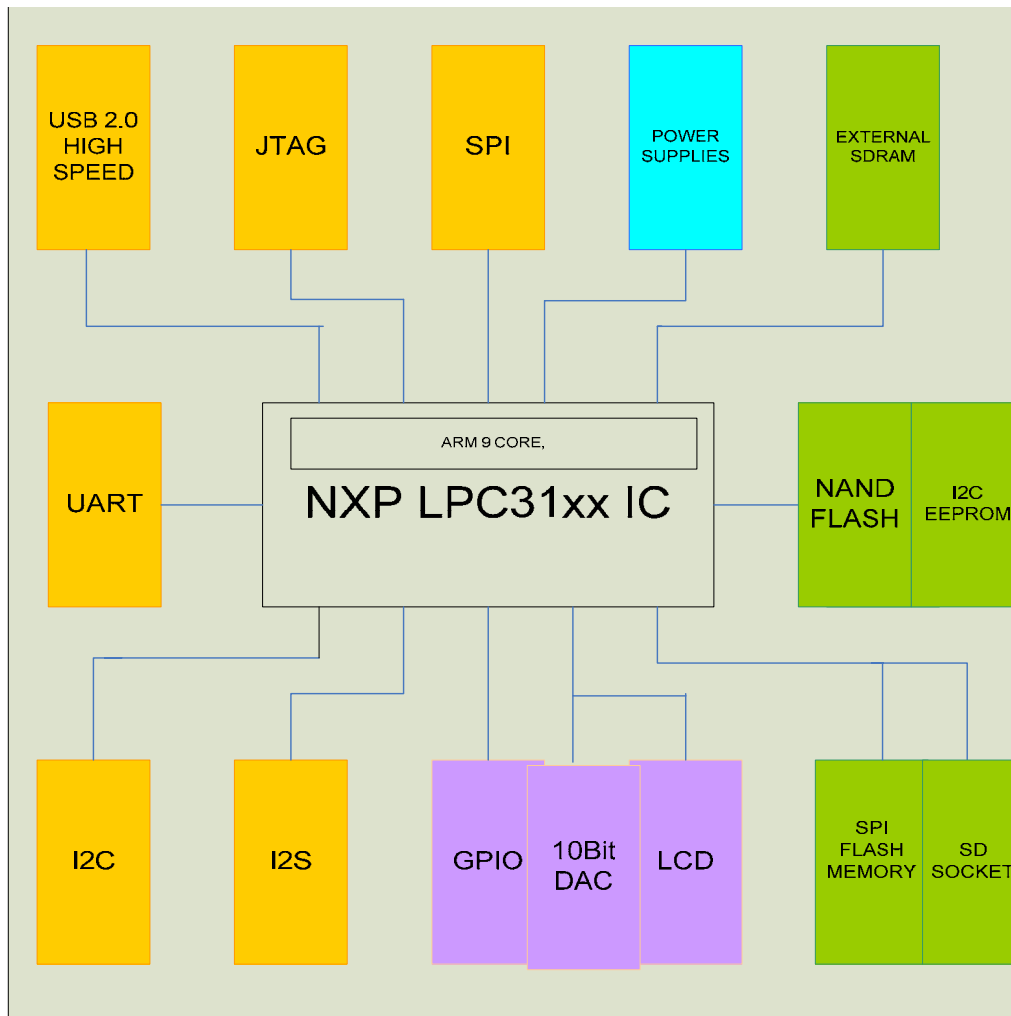
Mechanical Form Factors

- Base board size: ~150x150mm
- Second floor for a variety of CPU's
- I/O connectors for expansion card

In the BOX

- CD with User manual, schematics, s/w examples., reference design
- Board

Board Block Diagram



EVB LPC31xx