

**MSP430-P1611** MPS430F1611 DEVELOPMENT BOARD**FEATURES:**

- MCU: **MSP430F1611** with 48K Bytes Program Flash, 256 Bytes data Flash, 10K Bytes RAM
- JTAG connector
- RS232 driver + DB9 connector
- User button
- power supply LED
- user status LED
- 32 768 Hz oscillator crystal
- optional high frequency crystal (socket)
- RESET button
- RST/NMI pin pull-up
- external power supply jack for AC or DC power supply
- Voltage regulator + power supply filtering capacitor
- extension headers for each uC pin
- prototype area with 0.1" step, Vcc + GND bus
- PCB: FR-4, 1.5 mm (0,062"), green soldermask, white silkscreen component print
- Dimensions: 100x80 mm (3.9x3.15")

**DOCUMENTS:**

- [MSP430-Pxxx-dimensions](#)

**HARDWARE:**

- [MSP430-PXXX schematic](#)
- [MSP430-JTAG connector \(top\)](#)

**SOFTWARE:**

- [MSP430-P1611 demo code](#) for EW-MSP430

- [Chibi RTOS](#) - open source portable fast RTOS supports [MSP430-P1611](#)

**ORDERING CODES:**

**MSP430-P1611** Fully assembled and tested with MSP430F1611 microcontroller