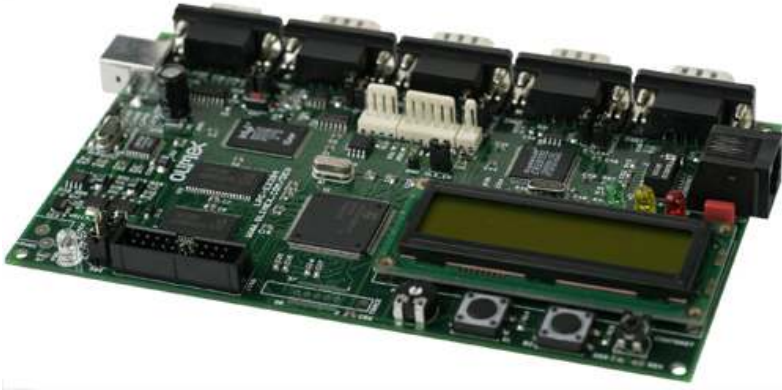


LPC-E2294 DEVELOPMENT PROTOTYPE BOARD WITH USB, 4x CAN, RS232, ETHERNET



OBSOLETE BOARD - PLEASE CHECK [LPC-E2294-1MB REV.B](#)

FEATURES:

1. MCU: **LPC2294** 16/32 bit ARM7TDMI-S™t with 256K Bytes Program Flash, 16K Bytes RAM, EXTERNAL MEMORY BUS, RTC, 4x 10 bit ADC 2.44 uS, 2x UARTs, 4x CAN, I2C, SPI, 2x 32bit TIMERS, 7x CCR, 6x PWM, WDT, 5V tolerant I/O, up to 60MHz operation
2. standard JTAG connector with ARM 2x10 pin layout for programming/debugging with ARM-JTAG
3. 1MB (256Kx32bit) 12 ns [71V416](#) SRAM
4. 4MB (512Kx16bit) 70ns TE28F320C3BD70 C3 INTEL FLASH
5. USB to RS232 convertor, board can take power only from USB port
6. 4 CAN drivers and connectors
7. RESET circuit with external control of Philips ISP utility via USB-RS232 virtual port
8. Jumpers for boot select from external memory
9. Jumpers for ISP/RUN mode
10. Ethernet controller with CS8900A and RJ45 connector
11. LCD 16x2 DISPLAY with BACKLIGHT
12. 2 BUTTONS
13. POTENTIOMETER connected to AIN0
14. SPI connector
15. RS232 driver and connector
16. DALLAS i-BUTTON interface and connector
17. I2C 24LC515 EEPROM on board
18. two on board voltage regulators 1.8V and 3.3V with up to 800mA current

DOCUMENTS:

<http://olimex.com/dev/lpc-e2294.html>

HARDWARE:

1. [LPC-E22xx Schematic](#)

SOFTWARE:

<http://olimex.com/dev/lpc-e2294.html>