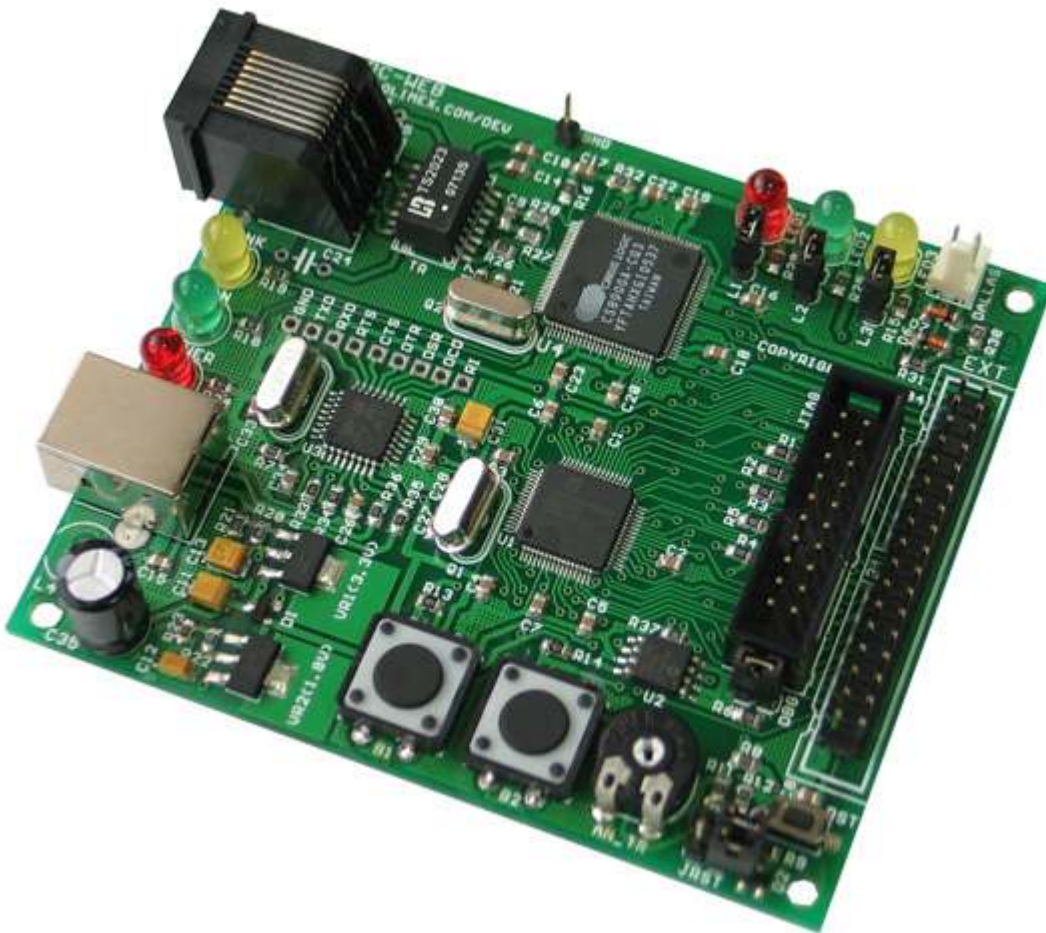# LPC-E2124 BOARD WITH ETHERNET INTERFACE FOR LPC2124 ARM7TDMI-S MICROCONTROLLER

FEATURES:

1. MCU: **LPC2124** 16/32 bit ARM7TDMI-S™ with 256K Bytes Program Flash, 16K Bytes RAM, RTC,4x 10 bit ADC 2.44 uS, 2x UARTs, I2C, SPI, 2x 32bit TIMERS, 7x CCR, 6x PWM, WDT, 5V tolerant I/O, up to 60MHz operation
2. CS8900 Ethernet interface
3. two general purpose buttons
4. potentiometer connected to analog input 0
5. Dallas i-button interface
6. 24LC515 EEPROM for external web storage
7. standard JTAG connector with ARM 2x10 pin layout for programming/debugging with ARM-JTAG
8. two on board voltage regulators 1.8V and 3.3V with up to 800mA current
9. single power supply: +5VDC required
10. three LAN status LEDs, three general purpose status LEDs
11. power supply filtering capacitor
12. USB to RS232 interface
13. RESET circuit with exterman control of Philips ISP utility via USB/RS232
14. RESET button
15. DBG jumper for JTAG enable
16. BSL jumper for bootloader enable
17. JRST jumper for enable/disable external RESET vontrol by RS232
18. 14.7456 Mhz crystal
19. extension header for all uC ports
20. PCB: FR-4, 1.5 mm (0,062"), green soldermask, white silkscreen component print
21. Dimensions: 80x90 mm (3.15x3.55")