LPC-L2294 is compact development board with LPC2294 ARM7DTMI microcontroller from Philips Semiconductors Inc. with 512KB internal flash, 64KB internal RAM, There are two options:1MB external RAM + 2MB external Flash and 8MB external RAM + 4 MB external Flash.
Board have CAN, RS232, 10 Mbit Ethernet, SD/MMC card connector, external memory bus is available on connector.
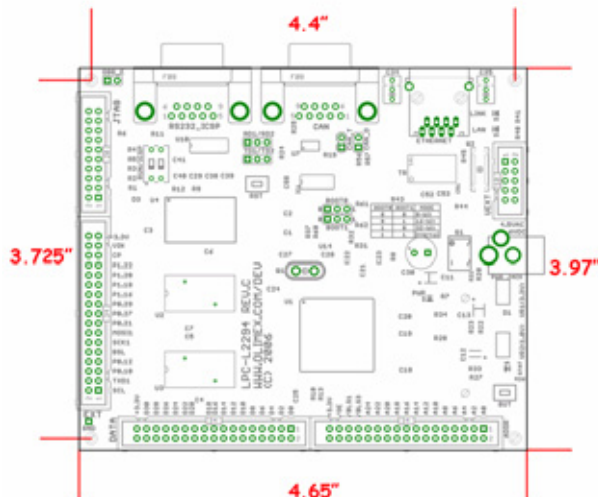eCos port is available for this board and ucLinux port is preparing.
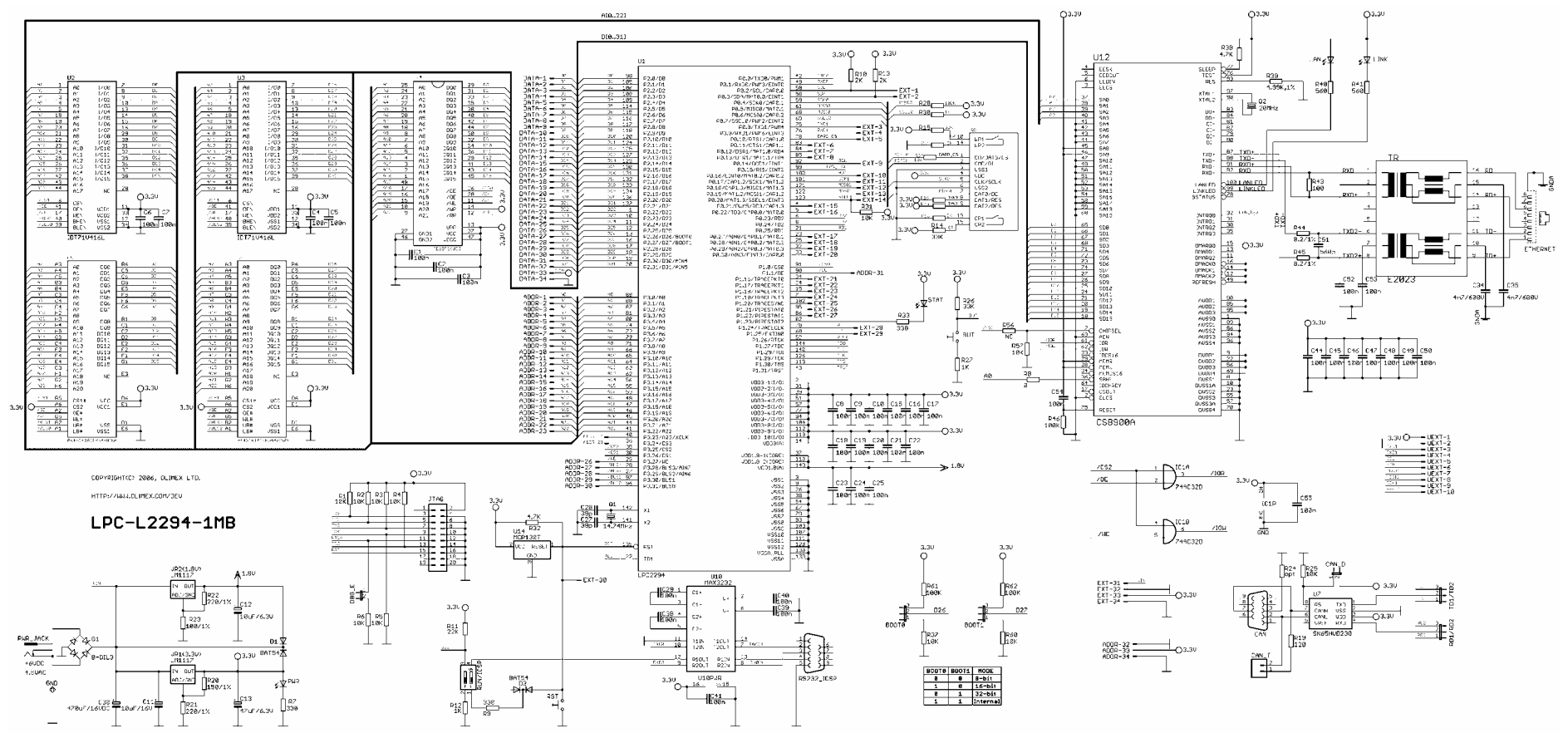
The board features are:

- **LPC2294** ARM7TDMI microcontroller 256KB internal Flash, 16KB internal RAM
- 10 MBit Ethernet with CS8900A in 16 bit mode and interrupts
- CAN 2.0 driver and interface
- RS232 driver and interface
- SD/MMC connector (on bottom side)
- External memory bus connector
- UEXT Olimex's standard connector with I2C, RS232, SPI and power supply
- JTAG connector
- PCB: FR-4, 1.5 mm (0,062"), red soldermask, white silkscreen component print
- Dimensions: 118x101 mm (4.65 x 3.97")

1MB RAM version is capable to run eCos with many application including TCP-IP
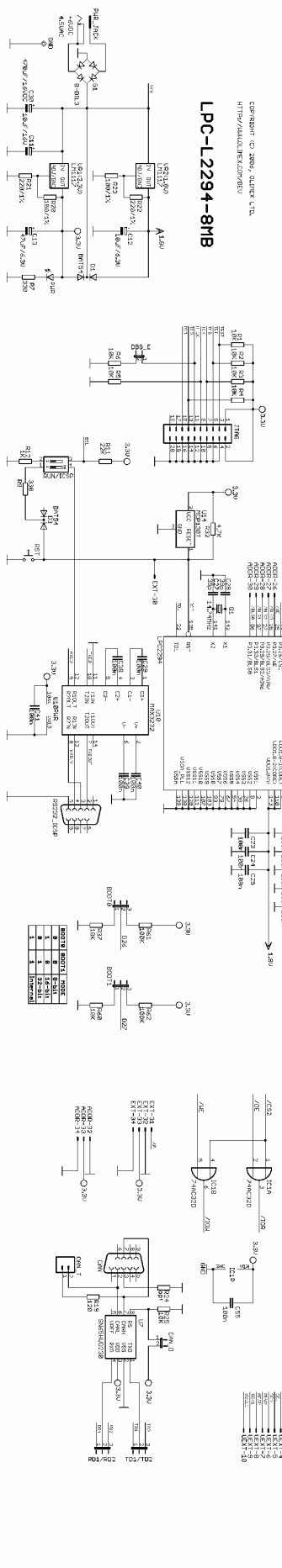
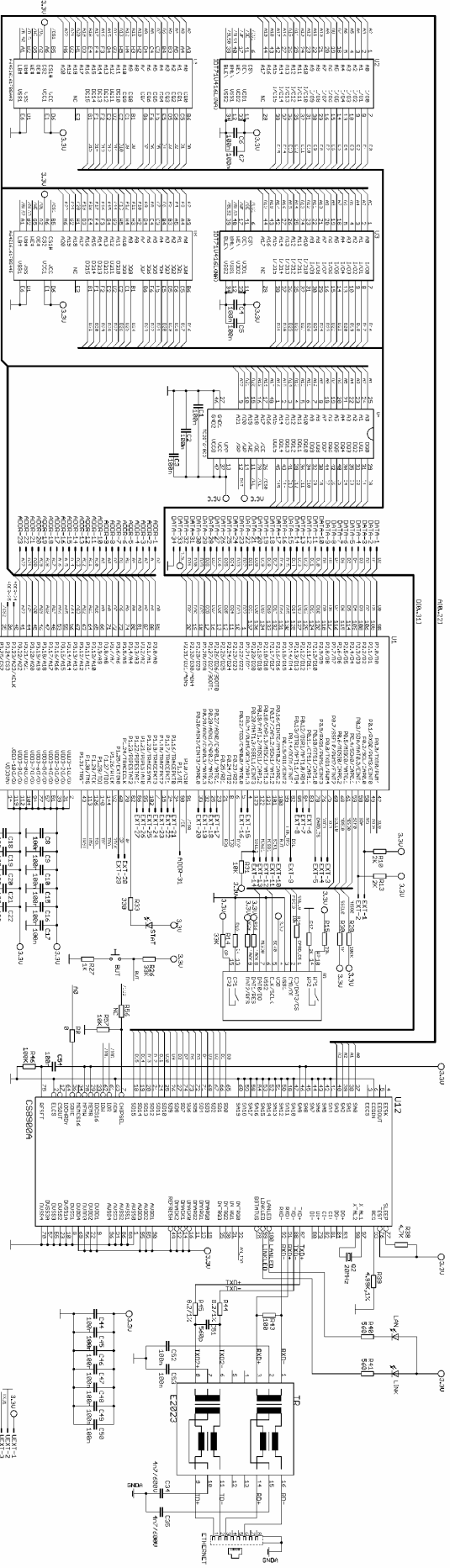8MB RAM version is capable to run ucLinux

Board dimensions and fix holes:

LPC-L2294-1MB

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U1
LPC2294
U2
U3
IDT71V416L(NA)
U4
U10
MAX3232
U12
CS8900A
U14
MCP130T
U7
SN65HVD230
IC1A
IC1B
74AC32D
TR
E2023
ETHERNET
JTAG
RS232_ICSP
CAN
PWR_JACK
VR1(3.3V)
VR2(1.8V)
LM1117
Q1
14.7456MHz
Q2
20MHz
BOOT0
BOOT1
RST
BUT
STAT
PWR
LAN
LINK
RUN/ICSP
3.3V
1.8V
A[0..22]
D[0..31]

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LPC-L2294-8MB

BOOT0	BOOT1	MODE
0	0	8-bit
1	0	16-bit
0	1	32-bit
1	1	Internal