



**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 uLinux port is preparing.

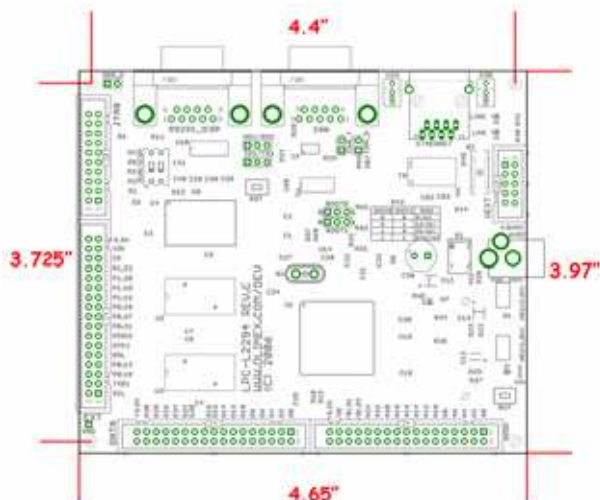
The board features are:

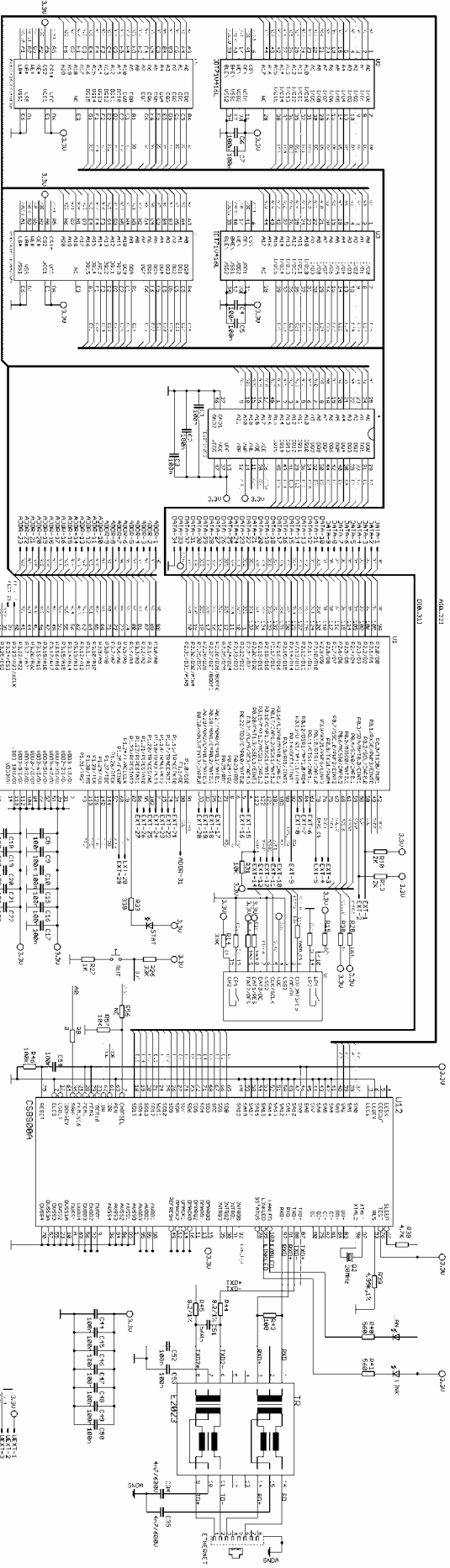
- **LPC2294** ARM7DTMI microcontroller 256KB internal Flash, 16KB internal RAM
- 10 MBit Ethernet with CS8900A in 16 bit mode and interrupts
- CAN 2.0 driver and interface
- RS232 driver and interface
- SD/MMC connector (on bottom side)
- External memory bus connector
- UEXT Olimex's standard connector 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

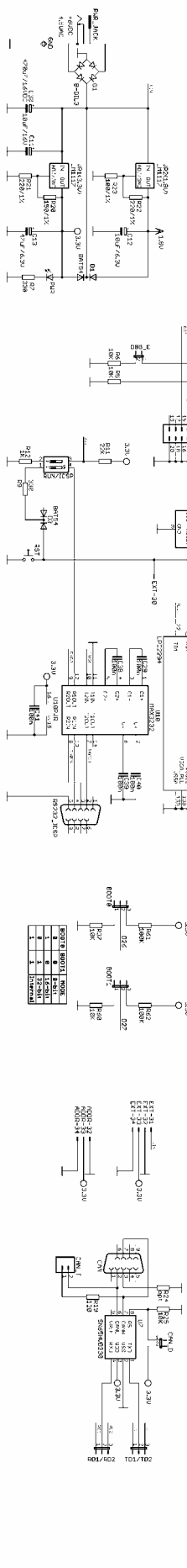
8MB RAM version is capable to run uLinux

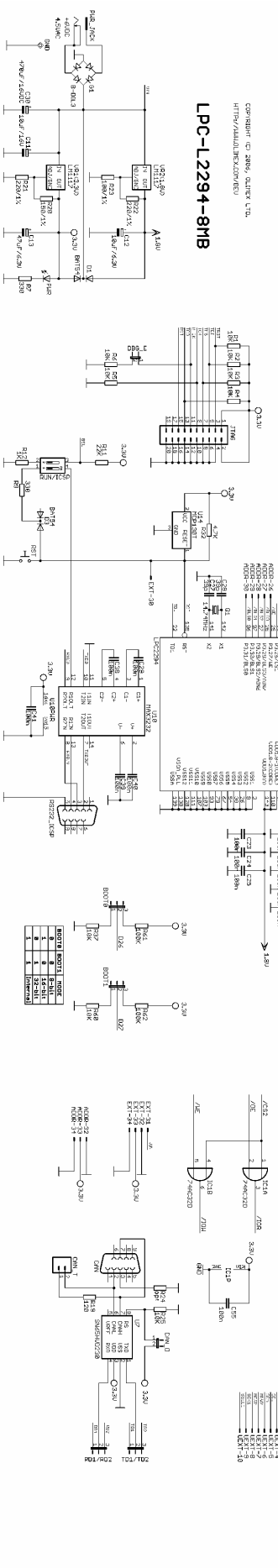
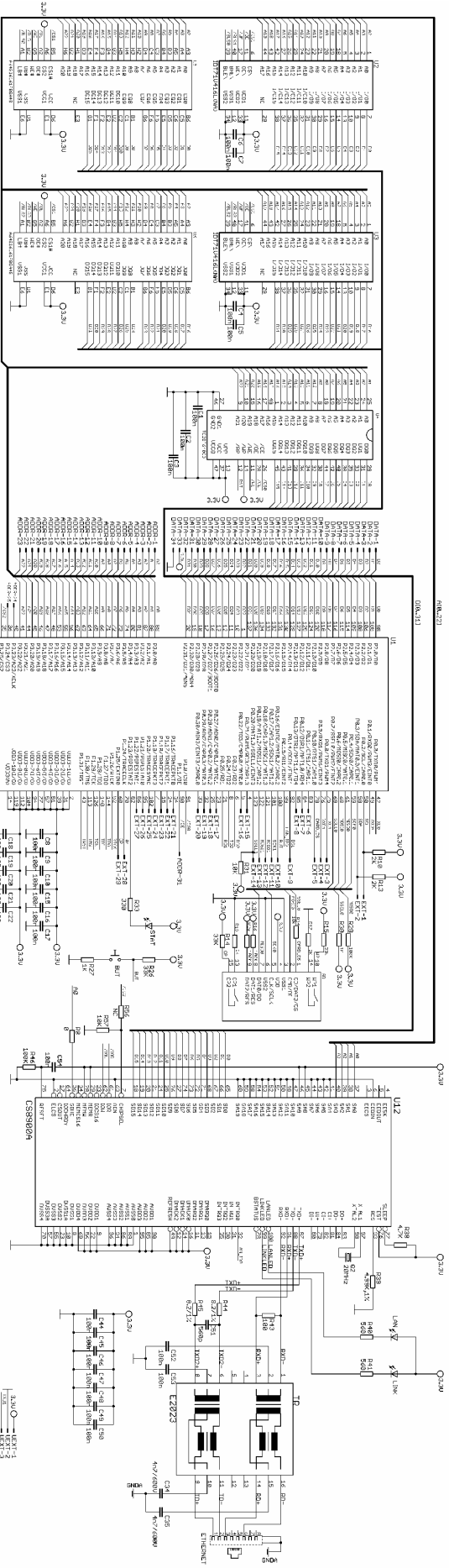
Board dimensions and fix holes:





**LPC-L2294-1MB**





**LPC-L2294-8MB**  
 GERBER FILE: LPC-L2294-8MB.GBR  
 URL: <http://www.nxp.com>

**Legend**

1	0.1mm	1.0mm
2	0.2mm	2.0mm
3	0.3mm	3.0mm
4	0.4mm	4.0mm
5	0.5mm	5.0mm
6	0.6mm	6.0mm
7	0.7mm	7.0mm
8	0.8mm	8.0mm
9	0.9mm	9.0mm
10	1.0mm	10.0mm