



PPP (Point to Point Protocol)

Overview

This software is a PPP (Point to Point Protocol) library that acts as the data link layer of the TCP/IP protocol stack developed for the TLCS-900 Family microcontrollers. This PPP library enables network connection through an interface such as a modem, cellular phone or PHS.

Features

- High-speed, light, and compact module designed for embedded application.
- Supports the PAP/CHAP authentication protocols.
- Non-dependent on devices and supports various serial interfaces.

Specifications

- Supported protocols LCP, PAP, CHAP, IPCP
- Standards RFC compliant

Operating Conditions

- Target MCUs TLCS-900 Family
- Resource requirements ROM 27 Kbytes / RAM 4 Kbytes
- OS Toshiba TR900 (uITRON 3.0)

Package Contents

Source code (or object code), software manual, sample driver (on-chip serial I/F)

Application Products

PDAs, electronic home appliances, communications devices, etc.

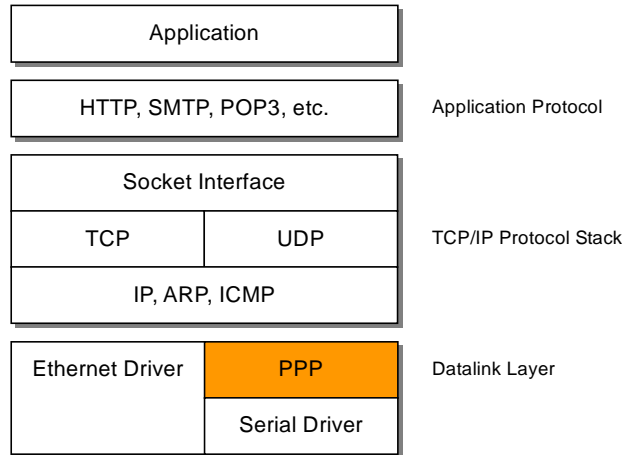
Recommended MCUs

TLCS-900/L1 Series, TLCS-900/H1 Series

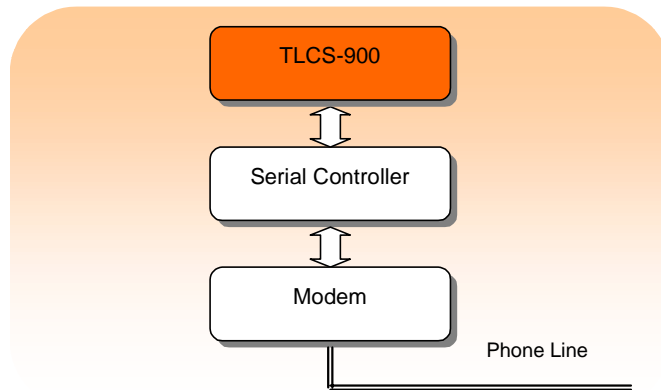
*For details, please contact your local Toshiba office.

TOSHIBA Semiconductor Company Website: <http://www.semicon.toshiba.co.jp/eng/index.html>

Software Configuration



System Configuration (Example)



Optional Protocols

TCP/IP Protocol Stack, HTTP Server, Mail Client

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