

Mail Client

General

This Software is a Mail Client Module for embedded system. Mail Client Module provides E-Mail interface which has two kind of protocol such as SMTP and POP3 in order to realize the E-Mail application. Multipurpose Internet Mail Extensions (MIME) is also included.

Features

- BASE64 encode/decode can be used.
- Transmission and reception of an attached file are possible.
- There is a support function of message creation.
- Selection reception of a message is possible.

Specifications

- Protocol : SMTP, POP3, MIME
- Standard : Complies with RFC
RFC2821, RFC1939

Operating condition

- Target MCU : TLCS-900 family
- OS : TOSHIBA TR900(μITRON3.0)
- Resource Requirements : ROM 23KByte / RAM 8KByte (Minimum)

Offer contents

- Object or source code and, software document are offered.
- Demo board is available.*

Applications

- PDAs, Home Appliance, Communication Devices
- Remote Control Device
- notify of a system error condition

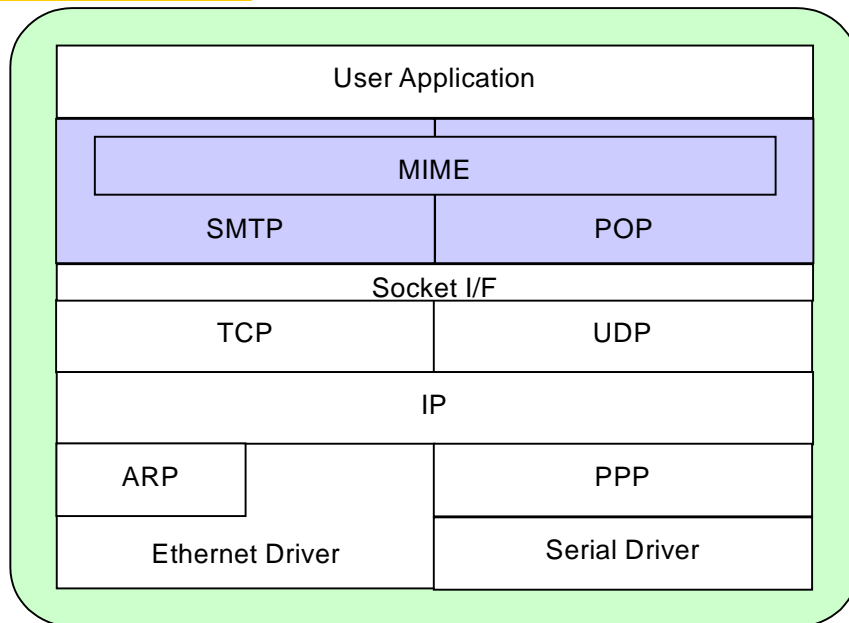
Recommended MCU

- TMP92C820F 32bit CISC MCU (ROM Less, Internal RAM8K, 61 I/O Ports)
- TMP92CM22F 32bit CISC MCU (ROM Less, Internal RAM32K, 49 I/O Ports)

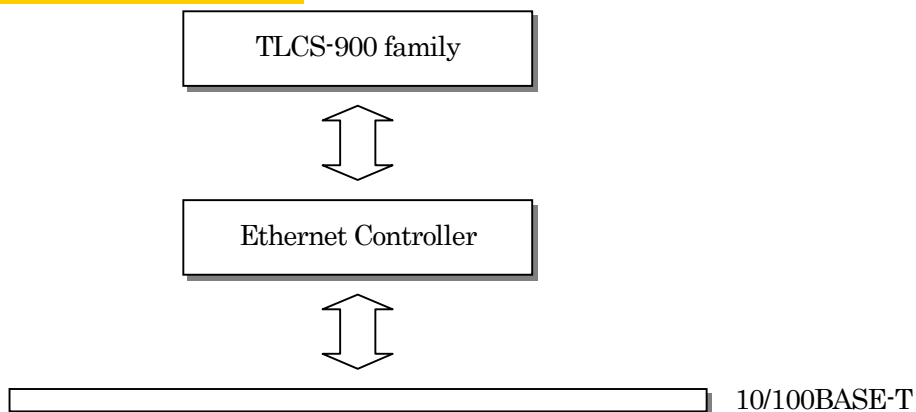
*For details, please contact your local Toshiba office.

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

Software structure



System Diagram



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