



Embedded File System

Overview

This software is a file system developed for embedded application. By offering compatibility with the file formats of MS-DOS™ and MS-Windows™ (Note 1), this embedded file system enables file passing between a microcontroller and a PC or other device. Use of this file system in combination with driver software such as SD Card allows files to be stored in various types of storage media.

Note 1: MS-DOS™ and MS-Windows™ are registered trademarks of Microsoft Corporation.

Features

- Interface compatible with ANSI C functions.
- Support for multiple drives.
- Non-dependent on low-level storage devices.
- High-speed access by caching.

Specifications

- File format FAT12, FAT16, FAT32
- File name format Support for VFAT. (use 254 characters with dot'.')

Operating Conditions

- Target MCUs TLCS-900 Family
- Resource requirements ROM 23 KBytes or more/ RAM 2.5 KBytes or more

Package Contents

Object code (or source code), software manual

Application Products

PDAs, digital cameras, electronic home appliances

Recommended MCUs

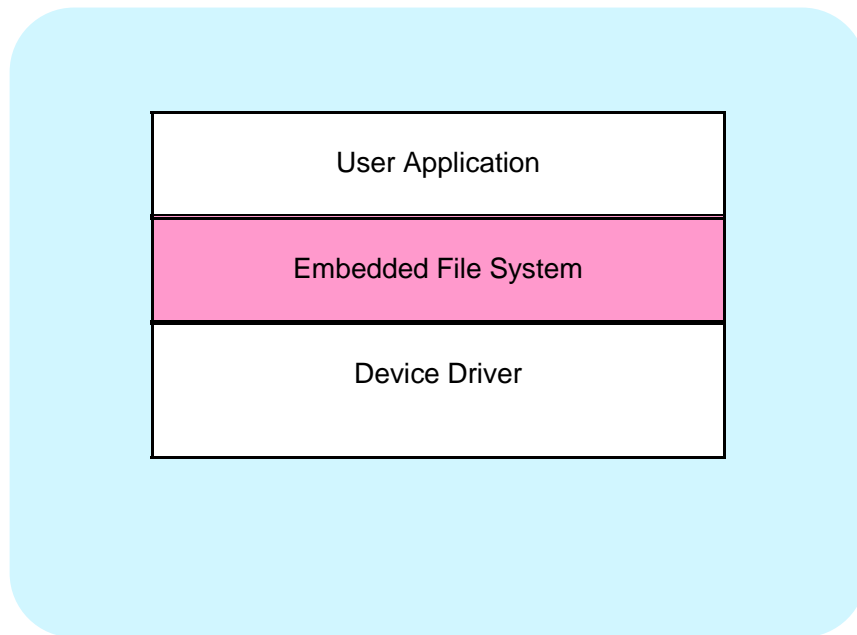
TLCS-900/L1 series, TLCS-900/H1 series

*For details, please contact your local Toshiba office.

TOSHIBA Semiconductor Company Website:

http://www.semicon.toshiba.co.jp/eng/product/micro/software_ip/index.html

Software Configuration



Options

Device drivers: SD memory card

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