

CD-80

CD-DA solution for high end CD players



Media Formats

CD-DA
CD-R, CD-RW

Decoders

CD-DA
CD-Text

Connectivity

I²C serial command
interface with IRQ

Description

The BlueTiger **CD-80** is a low-cost module for CD-DA players, based on the latest SAA7824 NXP CD decoder together with an LPC2101 Arm7 controller. It offers excellent playability and can cope with all copy protection schemes.

Features

- ◆ High level command interface (3 wire, I²C with IRQ)
- ◆ Predefined Commands for common features e.g. Program, Shuffle, Repeat, Search,...
- ◆ The Audio Masterclock can be internal or external, selectable by a logic level input.
- ◆ Java based PC tool emulating a front board for fast application development.
- ◆ Compatible with a wide range of loaders and OPU's: WXD8829C and JPL-2580 tray- and JP SL-33 slot-loader with Sony KHM313 or Sanyo SF-HD870 OPU.
- ◆ Miniaturized board that can be mounted on the bottom of the JPL-2580 and 8829-CD loaders achieving a low overall height (<32mm).
- ◆ Error correction statistics are available on the serial interface
- ◆ Excellent playability.

Overview

BlueTiger is a connected CD and DVD optical drive platform. BlueTiger reference solutions are comprised of a hardware platform, a high quality CD/DVD loader, and a customizable software framework that enables manufacturers to significantly improve time-to-market and lower development costs when responding to new market opportunities.

Applications

- ◆ CD-DA Players, Combi Products with CD-function.

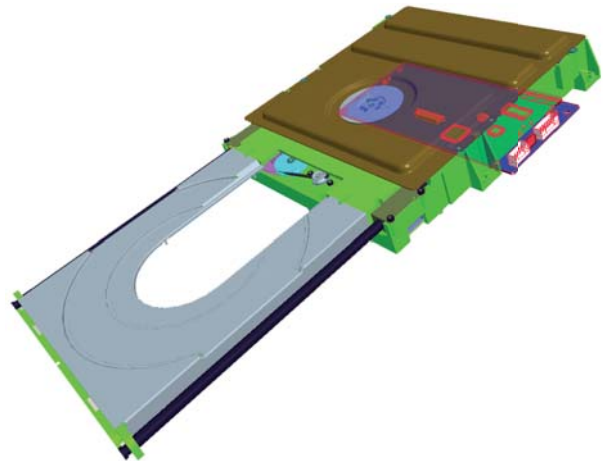
Benefits

- ◆ Reduced development and total system cost through platform and product line development.
- ◆ Reduced time-to-market with cost-optimized hardware platform.

Availability

In mass-Production.

A Development Kit is available.



Further Information

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