

### CD-80

CD-DA solution for low cost applications



#### Media Formats

CD-DA  
CD-R, CD-RW

#### Decoders

CD-DA  
CD-Text

#### Connectivity

I<sup>2</sup>C serial command  
interface with IRQ

### Description

The BlueTiger **CD-80** is a low-cost module for CD-DA players, based on the latest SAA7825 NXP CD decoder together with an ARM7 controller. It offers excellent playability and can cope with all current copy protection schemes.

### Features

- ◆ High level command interface (3 wire, I<sup>2</sup>C 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, for superior DAC performance.
- ◆ 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 JPSL-33 slot-loader with Sony KHM313 or Sanyo SF-HD850 OPU.
- ◆ Miniaturized board that can be mounted on the bottom of the JPL-2580 and WXD8829C loaders and still achieve 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.

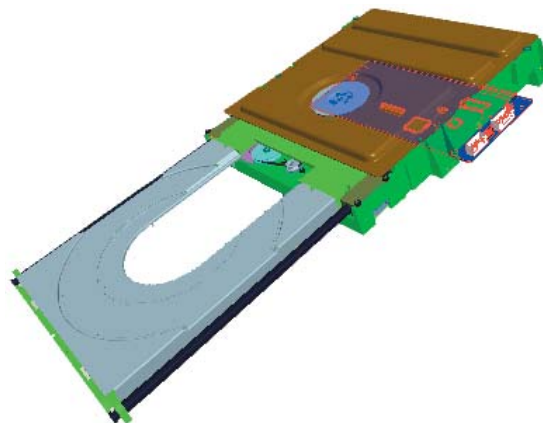
### Benefits

- ◆ 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

#### StreamUnlimited Optical Storage GmbH

Gutheil-Schoder-Gasse 10

1102 Vienna, Austria

Phone: +43 1 60101 4998

e-mail: michael.jirousek@streamunlimited.com

<http://www.streamunlimited.com>

#### ANAGRAM Technologies

Z.I. Le Tresé 6A, 1028 Preverenges

Switzerland

Phone: +41 21 804 1960

e-mail: sales@anagramtech.com

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