

THC63LVD1022

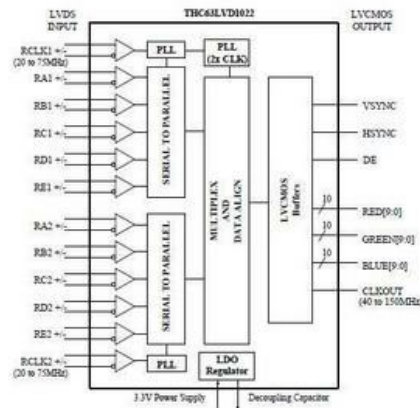
Summary

The THC63LVD1022, a Dual Pixel Link LVDS receiver IC, is designed to support pixel data transmission of up to 1080p/60Hz between Host and Flat panel Display or between Camera Module and System Board, supporting varied I/O data mapping, suited to not only TV applications but also projector and security camera systems.

Features

- ▶ LVDS to LVCMOS Conversion
- ▶ 5ch LVDS 2port (Dual Pixel Link) Input
525Mbps/ch
LVDS input skew margin $\pm 400\text{ps}$ at 75MHz
Failsafe supported
- ▶ LVCMOS Parallel 1port output
33bits/pixel (Sync Signal included)
150Mpixel/sec (Clock freq. 20 to 75MHz)
MSB/LSB reverse available
R/G/B switching available
- ▶ Package : TQFP100
- ▶ Power Supply : 3.3V
- ▶ Operating temperature : 0 to 85°C
- ▶ Recommended Tx :
[THC63LVD827](#)
[THC63LVD823B](#)
[THC63LVD1023B](#)

Block Diagram



+ ZOOM

Purchase Samples



THine Members Page

Related Products



[LVDS \(SerDes\)](#)

THC63LVD series

Products

V-by-One®HS (SerDes)

V-by-One® (SerDes)

LVDS (SerDes)

> [LVDS \(SerDes\) \(Product Overview\)](#)

> [THC63LVD83E](#)

> [THC63LVD87](#)

> [THC63LVD827](#)

> [THC63LVD827-Q](#)

> [THC63LVD83D](#)

> [THC63LVD83D-Z](#)

> [THC63LVD83C\(5S\)](#)

> [THC63LVD103D](#)

> [THC63LVD823B](#)

> [THC63LVD1023B](#)

> [THC63LVDF84B](#)

> [THC63LVDF84C](#)

> [THC63LVDF84B\(5S\)](#)

> [THC63LVDR84B](#)

> [THC63LVDR84C](#)

> [THC63LVD104C](#)

> [THC63LVD824A](#)

> [THC63LVD1022](#)

> [THC63LVD1024](#)

> [THC63LVD1027](#)

LED Driver

Motor Driver

PMIC (Power IC)

ISP (Image Signal Processor)

TCON (Timing Controller)

Video ADC

Power Module

> [PRODUCT LIST](#)

> [Inquiry Form](#)

[Products](#)

- > [V-by-One® HS \(SerDes\)](#)
- > [V-by-One® \(SerDes\)](#)
- > [LVDS \(SerDes\)](#)
- > [LED Driver](#)
- > [Motor Driver](#)
- > [PMIC \(Power IC\)](#)
- > [ISP \(Image Signal Processor\)](#)
- > [TCON \(Timing Controller\)](#)
- > [Video ADC](#)
- > [Power Module](#)

[Application](#)

- > [Automotive](#)
- > [4K TV・LCD Panel](#)
- > [Medical](#)
- > [Camera](#)
- > [USB Camera](#)
- > [Gaming](#)
- > [MFP\(Multifunction printer\)](#)
- > [Mobile, such as Smartphone, Tablet](#)
- > [Projector](#)

[VIDEOS & ARTICLES](#)

- > [THine CHANNEL](#)
- > [THine ARTICLES](#)

[BUY](#)

[CORPORATE](#)

- > [Corporate Information](#)
- > [IR Information](#)
 - > [Press Release](#)
- > [Careers](#)



[Site Map](#) | [Electronic public notice](#) | [Site Policy](#) | [Privacy Policy](#) | [THine Members Page](#)

copyright © 2013-2017 THine Electronics, Inc. All Rights Reserved.