

Introduction

The CD12611/615IP is an ideal means to link Camera Modules or CMOS Image Sensor (CIS) to Host System. The CD12611/615IP is designed to support sub-LVDS (LVDS) serial interface bitmap. The CD12611/615IP is supported RAW 10/12/14bit outputs.

Feature

_

_

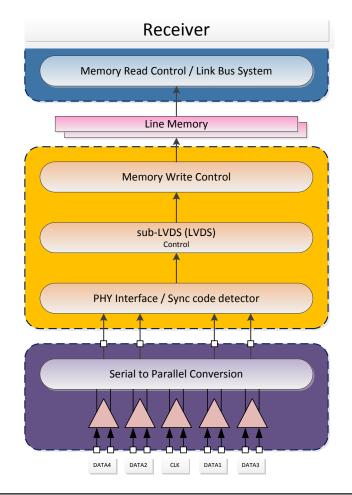
■ sub-LVDS (LVDS) custom link

- Support Pixel to byte packing:
- Support Lane management:
- Support Protocol:

RAW8, 10, 12, 14 (Optional: Custom Data Packing) 1, 2, 4 Lane (Optional: 6, 8, 12, 16 Lane) Generic Sync Code Format *Register Parameter Configuration (Optional: Custom Code & Operation)

- Link User System and Total System Design
 - Total Trans Rate Design
 - -- Operation Frequency
 - -- Optimization Circuit Scale
 - (Optional: Memory Interface)
 - -- (Optional: Parallel Pixel I/F)
 - -- (Optional: Bus System (AMBA/AXI/etc...))
 - (Optional: Sync Signal Generator)
- Using for receiver of sub-LVDS (LVDS) CMOS Image Sensor (Panasonic/Sony/etc...)

Block Diagram



CURIOUS Corporation