

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: RAW8, 10, 12, 14 (Optional: Custom Data Packing)
 - Support Lane management: 1, 2, 4 Lane (Optional: 6, 8, 12, 16 Lane)
 - Support Protocol: 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

