

Description

The Lontium LT8911 LVDS to eDP converter features a single-port or dual-port configurable LVDS receiver with 1 clock lane and up to 10 data lanes operating at maximum 1.5Gbps per data lane; a maximum input bandwidth of 12Gbps. The converter deserializes input LVDS data, decodes packets and converts the formatted video data stream to a single-link VESA eDP1.4 compliant output with 1/2/4 configurable data lanes, supporting RBR(1.62Gbps) and HBR(2.7Gbps) link speeds. The build-in optional SSC function reduces EMI effect on EMI-concerned system application.

Applications

- **Miscellaneous**
 - Single 1.8V supply power
 - Temperature range: -40°C to +85°C
 - Packaged in 9mm x 9mm QFN64

- Mobile systems
- Digital still cameras
- Cellular Handsets
- Personal Media players
- Digital video cameras
- Gaming

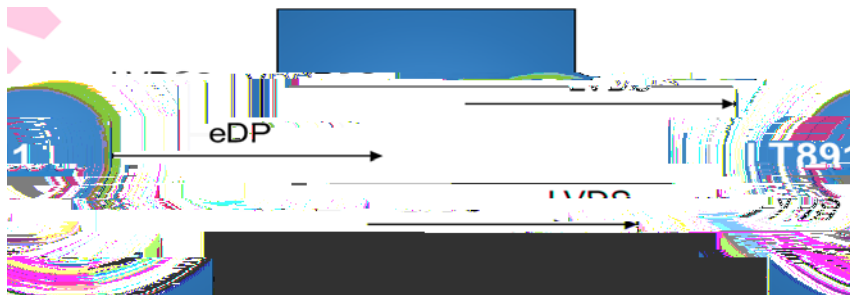


Figure 1. Application Diagram

LONTIUM CONFIDENTIAL



LT8911 ADVANCE INFORMATION – CONFIDENTIAL AND PROPRIETARY

Copyright © 2016-2017 Lontium Semiconductor Corporation, All rights reserved.

Lontium Semiconductor Proprietary & Confidential

This document and the information it contains belong to Lontium Semiconductor. Any review, use, dissemination, distribution or copying of this document or its information outside the scope of a signed agreement with Lontium is strictly prohibited.

LONTIUM DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING a signed

LONTIUM CONFIDENTIAL