

**Introduction**

The CL11045IP1000 is an ideal means to link mobile camera modules to baseband processors and baseband processors to LCD panels. The CL11045IP1000 is designed to support data rate in excess of 1Gbps utilizing MDDI ver.1.2 specification. The differential outputs provide low EMI with its typical low output swing of 200mV.

**Feature**

- Output data rate: ~1Gbps
- MDDI Ver.1.2 compliant
- Low power single 1.8v (Option: 2.8 / 3.3V) (Option: 1 / 1.2V Logic/Level Shifter)
- 200mV swing MDDI Ver.1.2 for low EMI
- MDDI Type-1 Interface (clock: 1-port / data: 1-port)

**Block Diagram**