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2. General Description

The LT933MT serializer is a part of Lontium's long distance video transmission family for Advanced Driver Assistance Systems(ADAS), designed to provide a solution for MIPI and TTL sensor data transmission with a maximum 15m coax(POC) or STP cable. The chip delivers a 4.32Gbps forward data channel and 3.7 Mbps back control channel and supports power over the cable. Together with a companion deserializer, LT933MT is able to synchronize the camera senor with the whole system.

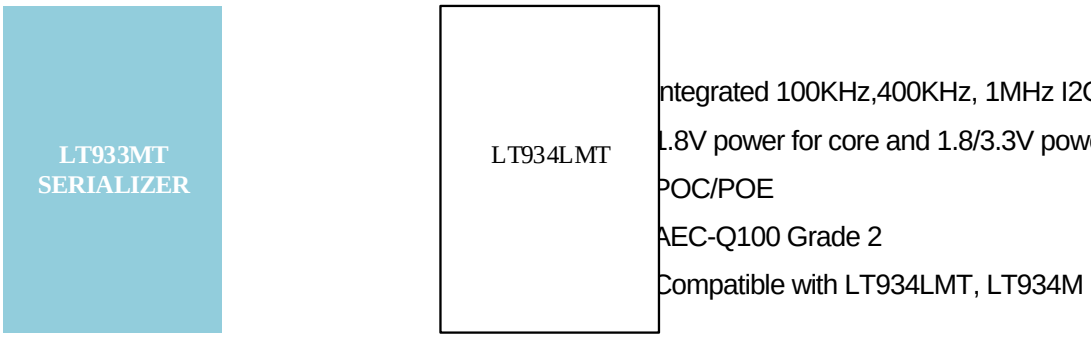
3. Applications

Advanced Driver Assistance Systems(ADAS)

Surround View System

Front and Rear Image Sensor

MIPI-CSI/TTL Extender



Bidirectional transmission with maximum 4.32Gbps forward data channel and max 3.7Mbps back control channel

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