

# COMOSS®

**March 1<sup>st</sup>, 2005** - COMOSS is in the position to strike the market with innovative IDB-1394 products. As a member of 1394TA.org since 1999, COMOSS has accumulated enough Know-How to be a reliable manufacturer. Now we are confident and pleased to introduce our **Shielded IDB-1394 POF Transceiver** (COMOSS IDBDX series) and **Evaluation Board** to you.



The IDB-1394 POF transceiver is designed to amplify and extend the signal carrying by POF (Plastic Fiber Optic) patch cord. Within the embedded vehicle network, our IDB-1394 transceiver makes the data transferring at S200(250Mbps) for 50 meters long. By this advantage, it will be simple and easy to build the in-car LAN(Local Area Network) media center, widely applied to portable electronic device such as DV-Cam, Video/Audio Player, Notebooks and devices that requires high-speed isochronous data transmission.

Furthermore, we recently complete the PCB design of Evaluation Board, supplement high speed in S200 standard with absolute signal stability. Customers only have to use Evaluation Board to measure the high-frequency characteristics by BERT (Bit Error Rate Tester), no additional equipments are necessary for assuring the transmission emission.

COMOSS provides IDB-1394 solution to connect your digital life!

## Features:

1. Data Rate: S200 (250Mbps) in POF-built network
2. Distance: 50 Meters by POF patch cord
3. High Durability: >7500 cycles
4. Low power consumption
5. No Electromagnetic emission
6. Fully complied with 1394 Automotive Specification V1.0