

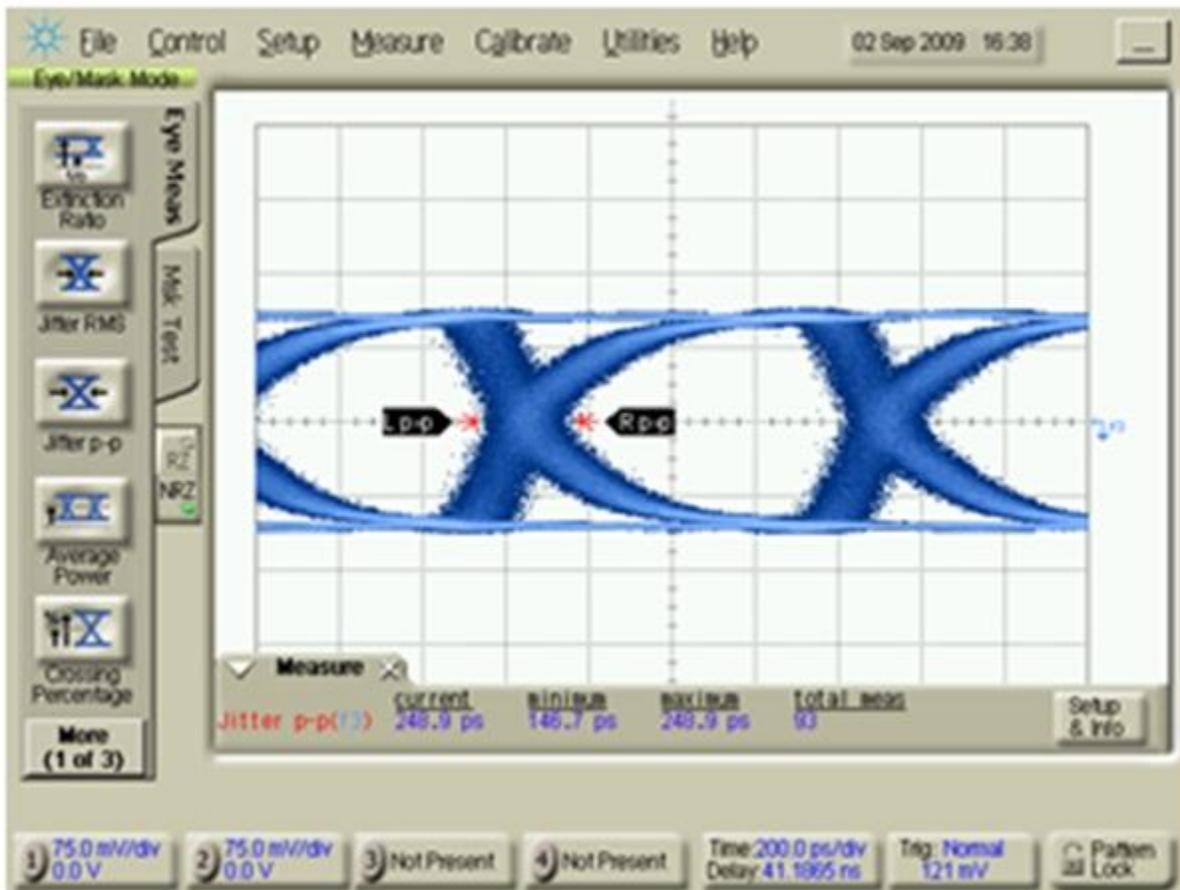
**TIDA- 00136**

***WVGA digital video SerDes for automotive TFT LCD Displays w/ OpenLDI interface***

This document shares the test results of the DS99R421-Q1 and DS90UR124-Q1 DEMO. Results provided are the Eye Diagram.

**Eye Diagram**

The test data shown illustrates the quality of the differential signal received by the FPD-Link II deserializer. The FPD-Link II signal is transmitted by the serializer over the shielded twisted pair cable, and the signal quality enhanced by the built-in equalizer within the deserializer. The eye diagram is measured at the CMLOUT test-point offering a view of the internally equalized differential signal. The CMLOUT test point should always be used to measure the quality of the differential signal to include the effect of the adaptive equalizer. The CMLOUT is enabled via I2C register control.



• Figure 1. Eye diagram with PCLK = 43MHz, VODSEL = L

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265  
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