

TIDA-00162 - Surround View Camera System - Test Data

The Surround View System is a subsystem, and testing is performed by assembling a system to verify proper operation.

Procedure:

To assemble the system, take the four Mini-Ser boards, and attach them to OV10635 Prototyping modules. Then take the four supplied coaxial cables and attach the boards to the Multi-Des board channels 1,2 5 and 6.

Now plug the Vayu Vision Application board into the Vayu EVM Base board, and plug the Surround view board into the Vayu vision application board. Load the firmware to the Vayu EVM, and power it up.

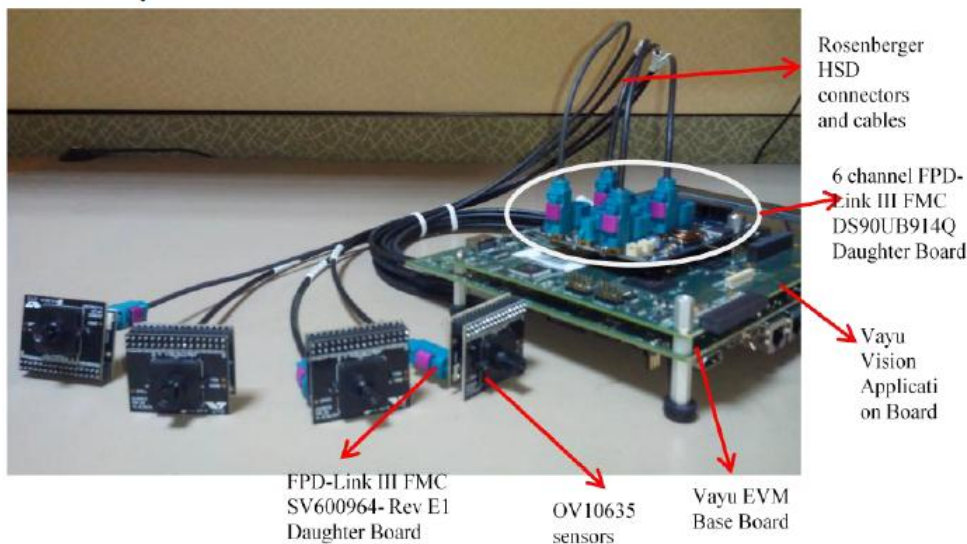


Figure 1 Surround view system connected to Vayu Vision platform

Proper operation of the system is verified by seeing four images, from the four cameras on the screen as can be seen in the image below:



Figure 2 Screen image showing outputs from four cameras.

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