Arasan announces the immediate availability of its MIPI D-PHY / C-PHY Combo IP for TSMC 22nm SoC Designs

Arasan Chip Systems, a leading provider of semiconductor IP for mobile and automobile SoCs today announced the immediate availability of its C/D-PHY IP core for TSMC 22nm SoC designs.

SAN JOSE, Calif. (PRWEB) February 22, 2019 -- Arasan Chip Systems announces the immediate availability its MIPI D-PHY / C-PHY Combo IP supporting speeds of upto 2.5 gpbs for TSMC 22nm SoC designs. The MIPI D-PHY / C-PHY Combo IP is seamlessly integrated with Arasan own CSI Tx, CSI Rx, DSI Tx and DSI Rx as part of its Total MIPI Imaging and Display IP Solution.

Compared to 28nm high-performance compact (28HPC) technology, 22ULP provides 10% area reduction with more than 30% speed gain or more than 30% power reduction.

Arasan has been a contributing member to the MIPI Association 2005 with over a billion chips shipped with our MIPI IP. Our MIPI D-PHY / C-PHY Combo IP is proven on our own TSMC 28nm Test Chip, has been licensed by multiple customers since 2016 and validated along with our CSI IP and DSI IP with 3’rd Party VIP as a Total IP Solution. Our MIPI CSI, DSI, DPHY and CPHY IP are also used in compliance and production testers further attesting the the quality and compliance of Arasan IP.

The MIPI D-PHY / C-PHY Combo IP is also available off the shelf in 40nm, 28nm, 16nm and 12nm nodes.

A DPHY / CPHY Combo HDK based on Arasan’s TSMC 28nm ASIC is also available to licensees of Arasan’s DPHY IP or CPHY IP to prototype their Display or Imaging products before going to production. Customers can license with confidence in our MIPI D-PHY / C-PHY Combo IP knowing they can prototype with the real TSMC 28nm silicon which is used in a MIPI Compliance Tester to test for MIPI CSI, DSI, D-PHY and C-PHY Standards Compliance. We are compliance!

About Arasan

Arasan Chip Systems, a contributing member of the MIPI Association since 2005 is a leading provider of IP for mobile storage and mobile connectivity interfaces. Arasan’s high-quality, silicon-proven, Total IP Solutions include digital IP, AMS PHY IP, Verification IP, HDK and Software. Arasan has a focused product portfolio targeting mobile SoC’s. The term Mobile has evolved over our two decade history to include all things mobile – starting with PDA’s in the mid 90’s to Smartphones & Tablets of the 2000’s to today’s Automobiles, Drones and IoT’s. Arasan is at the forefront of this evolution of “Mobile” with its standards-based IP at the heart of Mobile SoC’s.

Over a billion chips have been shipped with Arasan IP including with all of the top 10 semiconductor companies.
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