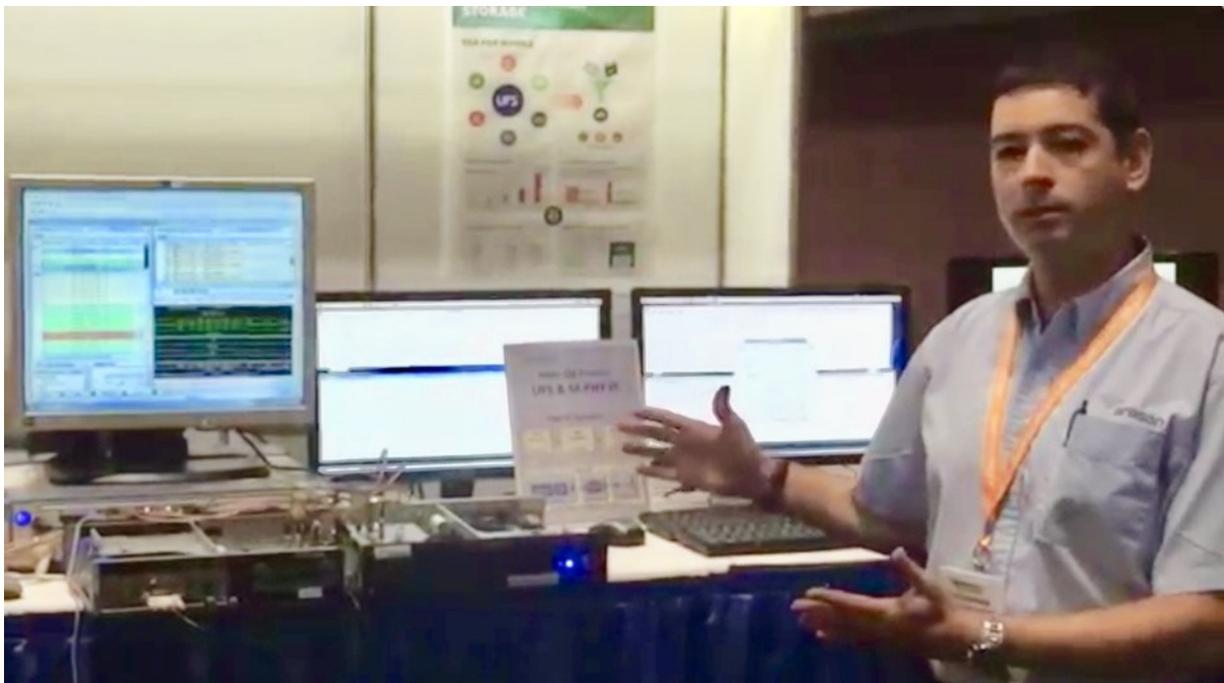# Arasan completes its Total IP Solution for the UFS 3.0 Standard with immediate availability of its MIPI M-PHY 4.1 IP Core

Arasan Chip Systems, a leading provider of semiconductor IP for mobile and automobile SoCs today announced the immediate availability of its M-PHY IP Compliant to MIPI M-PHY 4.1 specifications supporting speeds of up to 11.6gpbs

SAN JOSE, Calif., Nov. 13, 2018 /PRNewswire/ -- Arasan Chip Systems is proud to announce the immediate availability its MIPI M-PHY IP supporting Gear 4 speeds of up to 11.6gpbs. The M-PHY IP is seamlessly integrated with its JEDEC UFS 3.0 Host IP and UFS 3.0 Device IP Controller Cores. A linux based UFS 3.0 Software Stack and UFS 3.0 HDK are available to accelerate prototyping.

"With the announcement of our M-PHY v4.1 IP, we now offer a proven Total UFS 3.0 IP Solution which will accelerate adoption of the standard while ensuring compliance," said Prakash Kamath, CTO at Arasan.

Arasan UFS Demo

Arasan has been a contributing member to the UFS Association since its inception in 2010. Our UFS IP has been licensed by most major SoC vendors while our UFS HDK is used as the base platform by most UFS compliance and production tester vendors.

UFS 3.0 is the latest standard from JEDEC doubling the speed from UFS 2.1 to 11.6gpbs. UFS is widely used on high end mobile phones and now in automotive SoCs where faster memory access speeds are required.

The M-PHY 4.1 IP is silicon proven with immediately availability. Arasan can port the M-PHY IP to foundry nodes 28nm and lower on customer request.

About Arasan

Arasan Chip Systems, a contributing member of the UFS Association since 2010 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 SoCs. 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 IoTs. Arasan is at the forefront of this evolution of "Mobile" with its standards-based IP at the heart of Mobile SoCs.

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