Ashling extends Ultra-XD Real-Time Trace system for Synopsys' DesignWare® ARC® Processors

Limerick, Ireland, 7th August 2019- Ashling announces today that the Ultra-XD Real-Time Trace Probe supporting Synopsys' DesignWare® ARC® HS and ARC EM Processor Families has now been extended to support the latest versions (v2) of Synopsys's ARC Trace Interface Option.

Developed in close cooperation with Synopsys, the Ashling Ultra-XD Trace Probe integrates seamlessly with the Synopsys ARC MetaWare Debugger and is a powerful high-speed real-time trace and run-time control debug probe for embedded software development on Synopsys' DesignWare ARC processors with the new ARC Trace Interface Option.

"Software development schedules are often in the critical path for embedded systems projects and tracking down bugs late in the development cycle can be difficult and costly," said Allen Watson, product marketing manager for ARC Tools and Ecosystem at Synopsys. "The combination of DesignWare ARC Processors with Real-Time Trace and Ashling's Ultra–XD Trace Probe provides software developers the visibility they need to rapidly find real-time software problems, reducing the risk to project deadlines."

The Synopsys ARC MetaWare Debugger provides extensive debugging capabilities including the ability to re-run/debug a program (including multicore) post-execution using a "replay" feature available with ARC processors. This feature allows forwards/backwards execution in time with detailed debug visibility, and can be used with the trace information captured by the Ultra-XD trace probe. See here for more details: https://www.ashling.com/ashling-arc/.

About Ashling
Ashling is a world-class technology partner offering integrated solutions, tools, and design services that are at the heart of the embedded environment. Through its close cooperation with leading semiconductor vendors, Ashling has become a leader in the Embedded Software Development Tools market. Its solutions are used by engineers across a diverse range of applications from automotive and aerospace to healthcare and IoT. Ashling's HQ and Engineering centre is in Limerick, Ireland. Ashling has sales and support representatives worldwide.

For more information on Ashling see: www.ashling.com.

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