Ashling presents debug solutions for the CORE-V family of RISC-V cores at the OpenHW TV event

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Ashling, a member of the OpenHW Group and a leading supplier of high-performance embedded software and hardware development tools, presented debug solutions for OpenHW Group CORE-V family of RISC-V cores in OpenHW Group TV Episode 3 on 20th August 2020. The presentation included details on two development solutions for CORE-V: Ashling's proprietary commercial solution **"RiscFree™ IDE"** and the freely available CORE-V dedicated **"CORE-V IDE"**.

RiscFree™ IDE, Ashling's professional, commercial grade software development environment includes support for CORE-V based devices. The Eclipse based IDE for RISC-V development is a seamless environment for software development from writing and building code to simulating and hardware debugging. RiscFree™ IDE has heterogeneous debug capabilities also supporting other 32/64 bit architectures such as Arm and ARC processors and can be used together with Ashling's Opella-XD hardware debug probe.

Ashling is a contributor to the OpenHW CORE-V ecosystem and is currently working on the development of the freely available **CORE-V IDE** developed by the OpenHW Group and dedicated to development on CORE-V devices. The **CORE-V IDE** is an Eclipse based IDE for CORE-V development and is delivered with "Ready-to-run" examples for use with the Digilent GENESYS2 FPGA platform.

Developers on CORE-V based devices have a choice of IDEs (*RiscFree™ IDE* and **CORE-V IDE**) for CORE-V development in addition to a strong ecosystem of tools from multiple OpenHW group members.

The OpenHW TV event can be viewed here: https://www.openhwgroup.org/resources/openhwtv/

About OpenHW Group

OpenHW Group is a not-for-profit, global organization driven by its members and individual contributors where hardware and software designers collaborate in the development of open-source cores, related IP, tools and software. OpenHW provides an infrastructure for hosting high quality open-source HW developments in line with industry best practices.

About Ashling Microsystems

Ashling Microsystems is an international Embedded Software Solutions and Debug Tools company. Through its close cooperation with leading semiconductor vendors, Ashling is a world leader in the Embedded Software Development Tools market. Ashling's development centre is in Limerick Ireland. Ashling has sales and support representatives worldwide. Visit www.ashling.com

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