

Market Leading Development Tools for Debugging & Profiling Automotive System



TRACE32® covers the Entire Product Life Cycle from Cloud Development to Real Chips to ECUs in the Field.

Broadest Support for Automotive Chips including Nvidia, Qualcomm, NXP, Infineon, Renesas and Texas Instruments.

Ready for Virtualized Software Defined Vehicle (SDV) Architectures including High-Performance-Computing.



- > Broadest Debug and Trace Support
Supporting > 150 Architectures including
Arm® Cortex-A/R/X, Neoverse, Cortex-M
RISC-V 32/64 bit, RH850, TriCore,
Xtensa®, Arc, C2000/6000/7000
Supporting > 15,000 Chips & VDKs including
Infineon AURIX™ TC2x/3x/4x, RISC-V Prototype
NXP S32 (including S32N55, S32N7)
Renesas R-Car Gen.3/4/5, RH850, U2B
Qualcomm Snapdragon Automotive
Nvidia Drive Orin/Thor
Texas Instruments TDA4/TDA5
- > AMP/SMP Multicore Debug & Trace
- > Hypervisor Awareness
Microsar, L4Re, QNX, EB Corbos, Xen, VxWorks,...
- > OS Awareness
Android, Linux, Microsar,...
FreeRTOS, QNX, Zephyr OS, Nucleus,...
- > Broadest Support for Emulators,
Simulators and virtual Targets including
Synopsys VDK, Cadence VLAB
Arm® FastModels/FVP, QEMU
Corellium Arm Virtual Hardware
- > ISO 26262 Tool Qualification Kit
- > XCP/USB Debugging
- > Integration into CI/CD Pipelines
- > PIL Simulation – MathWorks Simulink
- > Non-Intrusive Code Coverage