iC6000 On-chip Analyzer (with Aurora protocol support)

iC6000 - iSYSTEM Real-time Embedded Software Development, Test and Measurement Tool Platform

iC6000 is iSYSTEM's new generation of embedded on-chip debug/analyzer, real-time test and measurement tool platform. It is a combination of hardware and software primarily targeting embedded systems based on microcontrollers featuring new high-speed trace interfaces such as AURORA and others. iC6000 ensures that a big amount of data can be collected, analyzed and visualized in real-time. To capture serial streams whose speeds exceed 6Gbps, the latest generation of Xilinx FPGAs is used.

Hardware features:

- Trace port 8Rx and 4Tx Aurora Channels up to 6.25 Gbps
- Trace port speed up to 500MHz (parallel Nexus5001 MDO or ETM)
- Trace memory 8GB
- Connectivity USB 3.0

Supported microcontroller families:

- Infineon AURIX
- Freescale Qorivva MPC57xx
- STMicroelectronics SPC57xx