

RH850 Typical Debug/Trace Configurations

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1 Debug & Trace

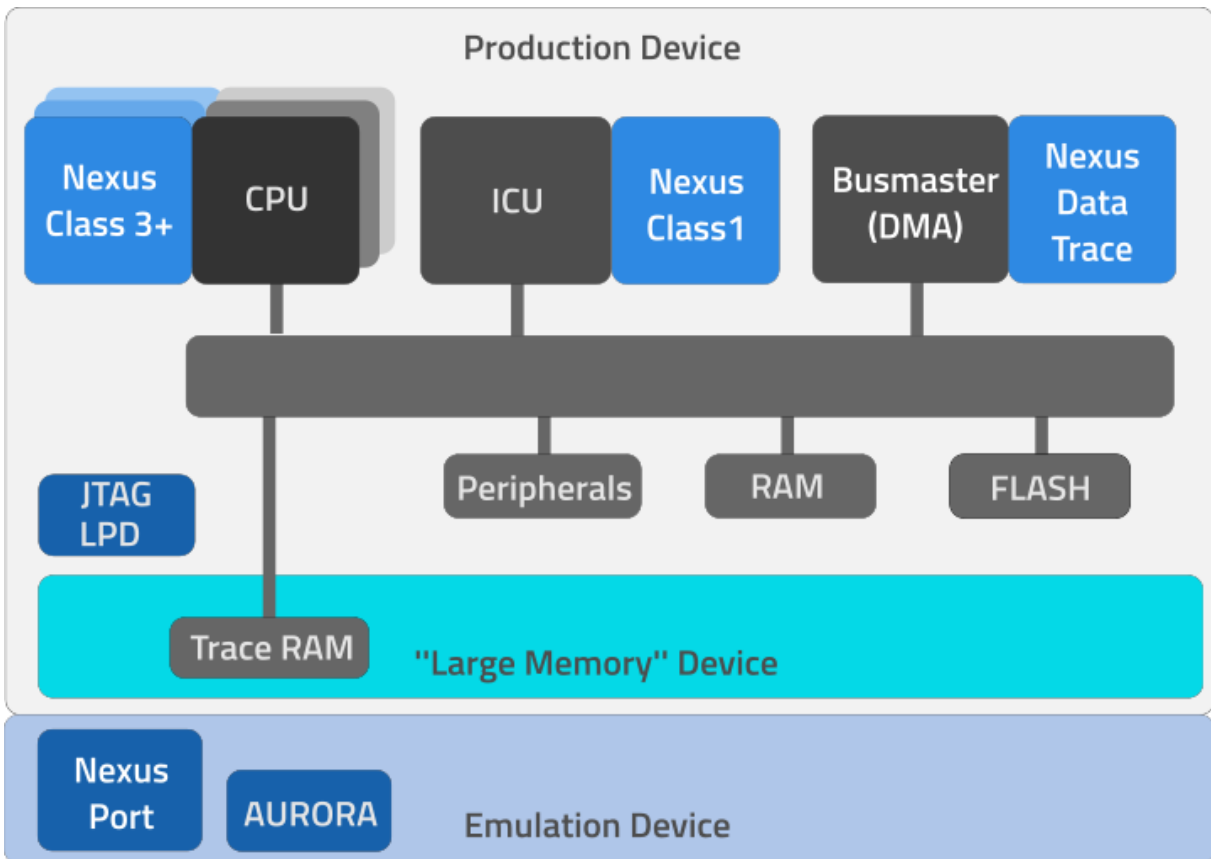


Figure 1: Simplified, generic RH850 Debug/Trace Block Diagram

1.1 iC5000 – Debug & Software Trace via LPD4

- Basic and compact System
- Debug Access via JTAG/LPD
- Software Trace Support via LPD4
- Trace into On-Chip Trace RAM (on "Large Memory" Devices)
- Optional IOM2 Analog/Digital I/O Module

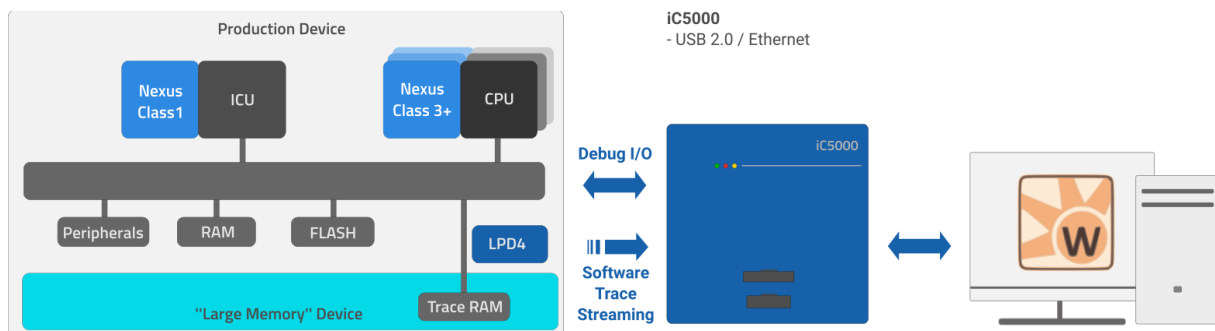


Figure 2: Sample Debug/Trace Tool Configuration based on iC5000

1.2 iC5700 – Debug & Nexus Trace

- High-Performance, versatile System
- Debug Access via JTAG/LPD
- Software Trace Support via LPD4
- Trace into On-Chip Trace RAM (on “Large Memory” Devices)
- Nexus Trace Port on Emulation Devices
- Optional IOM6 Add-On Modules (ADIO, CAN/LIN)
- Nexus Trace Streaming: 16-pin MDO, ½ CPU Clock, Double-Data Rate

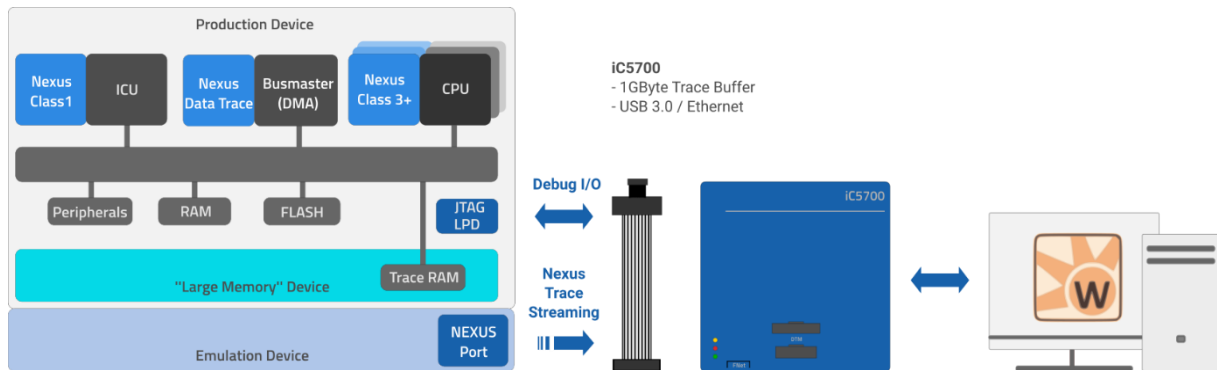


Figure 3: Sample Debug & Nexus Trace Tool Configuration based on iC5700

1.3 iC6000 – Debug & Trace via AURORA

- Highest Trace Performance Ideally suited for long-term multi-core Program & OS Trace
- Debug Access via JTAG/LPD
- Optional high-speed AURORA Trace Support
- AURORA Trace Streaming: 2 Lane trace, Bitrates: 1.25 / 2.5 / 2.125 Gbps

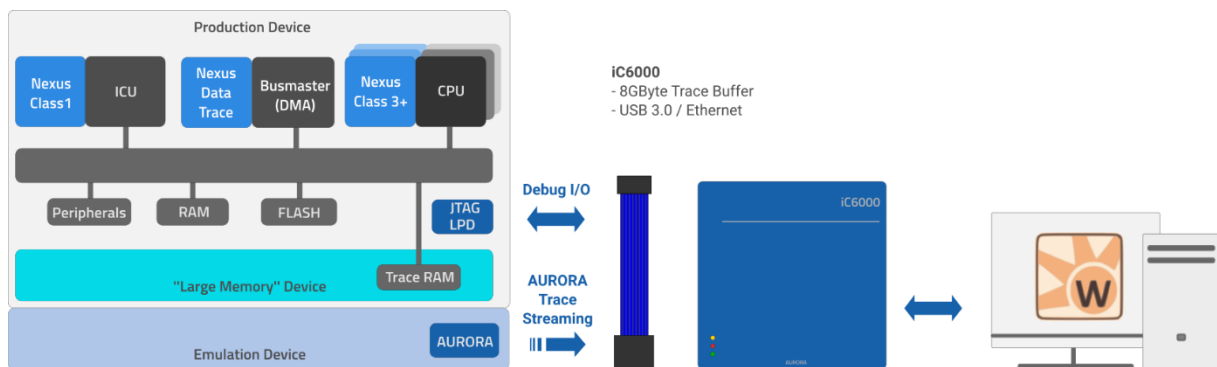


Figure 4: Sample Debug & AURORA Trace Tool Configuration based on iC6000

2 Technical support

2.1 Contact Region Support

Germany (Europe)
iSYSTEM AG
Phone: +49(8138)697130
Email: support@isystem.com

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Singapore, Malaysia, Philippine, Thailand
Flash Technology Pte Limited
Phone: +6567496168
Email: sales@flashtech.com.sg

India
Trident Infosol Pvt. Ltd.
Phone: +91(80)42878787
Email: esg.support@tridentinfosol.com

2.2 Email the International Support Team

support@isystem.com

Our technical support team will respond to your email within 24 hours.

2.3 Call the International Support Team

International	+38615680666
Germany	+49 8138 6971 30

Please note that the above telephone numbers are only available weekdays between 8 AM and 3 PM UTC+1.

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