

RZ Ecosystem Partner Solution Aurora System PCB Verification Services

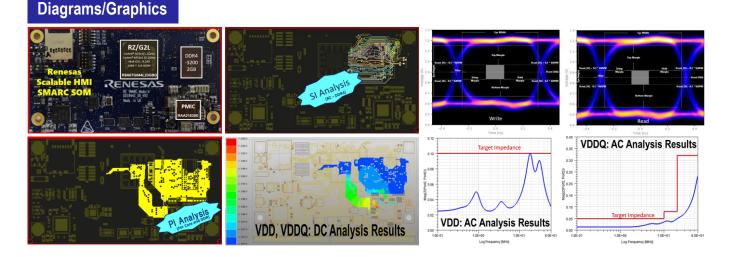


Solution Summary

Based on Aurora's proprietary SI/PI verification platform that incorporates the industrial leadingedge simulation software, our service ensures simulation accuracy and fast turn-around time for the <u>RZ Family of MPUs</u> in which some RZ MPUs have high-speed parallel memory interfaces(DDR4/LPDDR4). Aurora's Signal Integrity (SI) simulation services ensure your PCB design meets the RZ PCB verification guide as well as each interface's specifications. Aurora's Power Integrity (PI) simulation services veri.fy your PCB design meets based on the RZ power verification guide.

Features/Benefits

- High-Speed Parallel Interface Analysis DDR3/DDR4/DDR5/LPDDR4/LPDDR5/ONFI
- High-Speed Serial Interface Analysis PCI Express/HDMI/MIPI/USB/Ethernet etc
- Low-Speed General Purpose I/F Analysis I2C/SPI/I2S etc
- Power Integrity Analysis AC/DC/Transient Analysis, Decap Optimization
- Thermal Analysis / EMI Analysis



Target Markets and Applications

- IoT applications
- Consumer electronics
- Artificial intelligence
- Computing infrastructure

- Industrial controls
- Smart buildings
- HMI
- Communication

https://www.aurora-system.com/en/



Aurora System Inc.

Company Information

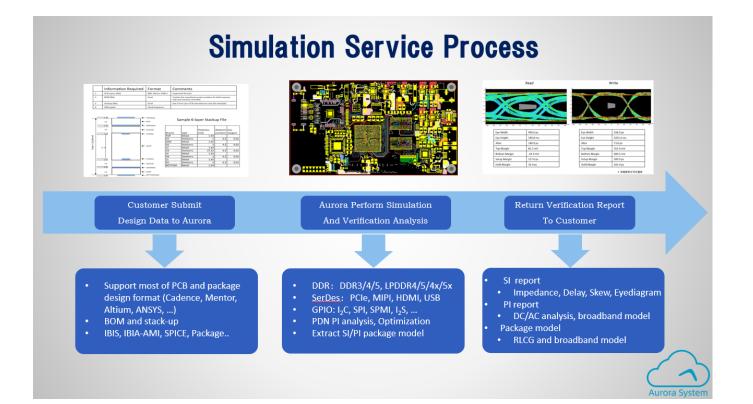
- Established : 2016
- Headquarter: San Jose, CA, USA
- > Development Office : USA, China
- Sales, Support Office: USA, Japan, China Taiwan, Singapore



Aurora System Business

- > LSI, Package, PCB Co-simulation Service, Consulting Service, Verification Platform Development
 - High-Speed Parallel Interface Signal Integrity Analysis(DDR3/4/5, LPDDR4/4X/5)
 - > High-Speed Serial Interface Signal Integrity Analysis (PCIe, MIPI, HDMI, USB, ...)
 - General I/O Signal Integrity Analysis (I2C, I2S, I3C, ...)
 - Power Integrity Analysis (AC/DC/Transient Analysis)
 - Thermal / EMI Analysis





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