

PRESS RELEASE

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AMI Semiconductor behaviour model saves time and cost for IVN test and debug

Simulation package provides valuable tool to OEMs developing large IVNs

AMI Semiconductor (AMIS), a leading designer and manufacturer of state-of-the-art mixed-signal and digital products for the automotive, medical, industrial and military / aerospace sectors, has introduced a new analog interface behavioural model in VHDL-AMS for the testing of in-vehicle networks (IVNs).

Vehicle electronic content is continuing to increase, thus causing IVNs to grow. As a result, new platforms may have over 50 nodes with multiple variants depending upon vehicle options. These factors are making the task of testing the network across its full operating temperature (typically -40°C to +105°C) and supply voltage ranges both expensive and time consuming.

AMI Semiconductor's new model provides quick and easy simulation of the behaviour of CAN transceivers on the physical network. This can help save OEMs significant time and cost for the test and debug of large, often complex, IVNs. The model is able to carry out both high- and low-level abstractions and is easily convertible from VHDL-AMS to Saber (MAST).

The new AMI Semiconductor behaviour model is available under NDA to OEMs, customers and other partners working in the field of IVN test and debug.

Ends

About AMI Semiconductor:

AMI Semiconductor (AMIS) is a leader in the design and manufacture of silicon solutions for the real world. As a widely recognised innovator in state-of-the-art mixed-signal and digital products, AMIS is committed to providing customers in the automotive, medical, industrial, mil/aero and communication markets with the optimal value, quickest time-to-market semiconductor solutions. AMI Semiconductor operates globally with headquarters in Pocatello, Idaho, European corporate offices in Oudenaarde, Belgium, and a network of sales and design centers located in the key markets of North America, Europe and the Asia Pacific region. For more information please visit the AMIS Web site at www.amis.com.

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