

Press release

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Avionics Databus
Solutions

New – MIL-STD-1553 Mini-PCle Card

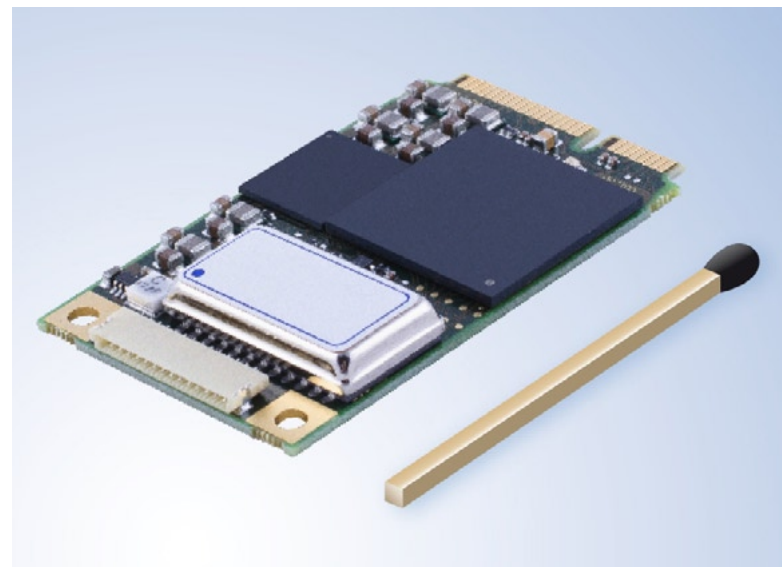
Targeted for Rugged Embedded MIL-STD-1553 Applications and Test/Simulation

AIM has introduced 2 variants of its PCI Express Mini Card, the AME1553-1 for MIL-STD-1553 Test and Simulation applications and the AME1553-1-E, being designed specifically for rugged, embedded MIL-STD-1553 applications.

The card provides a very small form factor solution to MIL-STD-1553 applications. The extended temperature range and low power dissipation of the AME1553-1-E make it ideal for rugged flight applications with limited space due to its minimal Size, Weight and Power minus the Costs (SWaP-C). The card is a complete solution for MIL-STD-1553 applications in harsh environments where shock and vibration can create reliability challenges.

The test and simulation version allows for single or full multi-function support of 1553 modes and always includes the test and simulation toolkit that includes error injection, bus replay, advanced triggering and many other test features that are ideal for all aspects of test and simulation. This is an ideal solution for portable data loaders, maintenance devices and portable analyzers. Having the card fully integrated into the corresponding host platform or Laptops/Tablet PC offers an advantage for the implementation of more rugged test and simulation or maintenance equipment since the I/O can use suitable rugged connectors.

An easy to use Application Programming Interface (API) is provided along with low level 32/64-bit operating system specific drivers for Windows 7/8/10, Linux and VxWorks to ease systems integration.



AME1553-1

AIM has offices in the UK and the USA with the main design and manufacturing facilities based in Freiburg, Germany.

The AIM full service web site provides the latest product information, technical support, data bus tutorials and a rich and powerful download resource area maximizing the investment and use of AIM products.

► www.aim-online.com

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