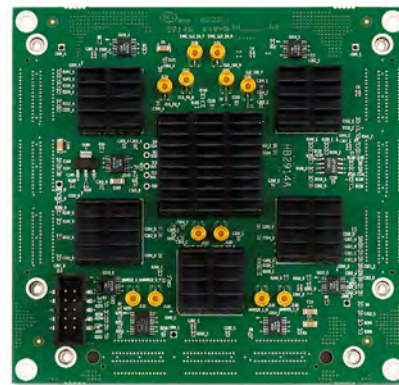
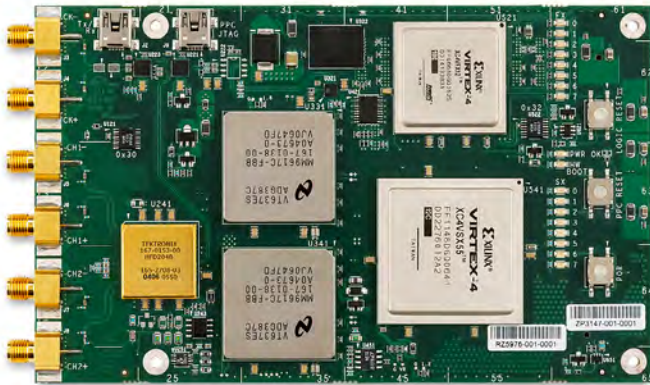


Data Converter Modules

Leveraging Proprietary Technology to Deliver Unparalleled Data Converter Performance for Embedded Systems



Tektronix Component Solutions provides data converter modules for your high-speed communications, military and radio-astronomy applications. High-performance digitizer and digital-to-analog converter (DAC) modules, which deliver the analog signal performance of Tektronix ASICs to real-time streaming applications, are available for immediate prototyping and application proof-of-concepts. Tektronix Component Solutions' data converter modules can also be customized for specific application requirements.

Available Modules

Data converter modules from Tektronix Component Solutions provide exceptional performance over an unprecedented analog bandwidth. Through these offerings, you can access the wide bandwidth and high sample rates of Tektronix instrumentation in a deployable and operational form factor.

TADC-1000 Digitizer Module

- 8 bits
- 6.25 GHz Bandwidth
- 12.5 GS/s (100 Gbps)

TDAC-2000 DAC Module

- 10 bits
- 9 GHz Bandwidth
- 12 GS/s (120 Gbps)

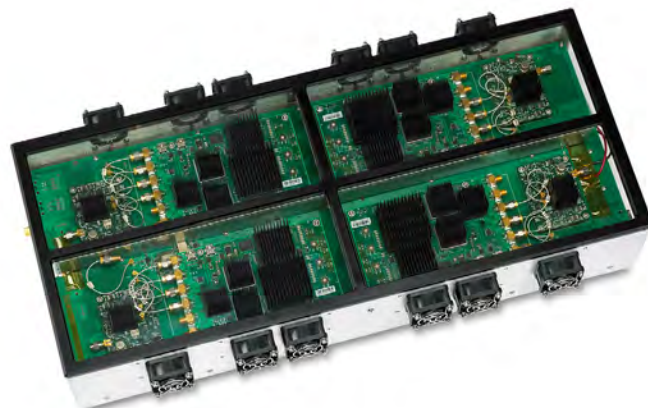
Tektronix Component Solutions also offers TIPx-3000 Interposer modules, which enable the TADC-1000 and TDAC-2000 modules to connect to the Synopsys High-performance ASIC Prototyping System (HAPS®). A product family consisting of high-performance prototyping motherboards, the HAPS series is ideal for prototyping complex, FPGA-based systems. Together, Tektronix Component Solutions data converter modules and the HAPS product family help reduce the high cost of custom motherboard development and speed the proof-of-concept process for next-generation wideband systems.

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Custom Development

Leveraging a wealth of engineering and manufacturing expertise, Tektronix Component Solutions can customize our data converter modules to meet your specific application and technical requirements. This includes everything from engineering development to prototyping to full-rate production. Additionally, we can combine our data converter and RF/microwave expertise to develop and produce complete RF front-end assemblies.



Certifications & Compliance

- ISO9001:2008
- ISO14001:2004
- ITAR-registered
- Category 1A Trusted Supplier
- RoHS-compliance capable

Contact our experienced team to discuss your application and data converter needs:

800-462-9835 | components@tektronix.com

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