

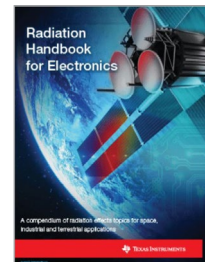
What's new in aerospace and defense?

ti.com/electronica

Expert insight into radiation effects

Learn how radiation impacts industrial and terrestrial applications, and how to design for these harsh environments.

[Read the Radiation Handbook](#)



Choosing enhanced products for A&D designs

Discover portfolio of plastic-encapsulated COTS components optimized for avionics and defense applications.

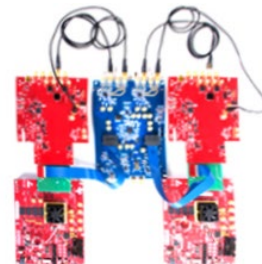
[Download our product selection guide](#)



Precision clocking solutions with JESD compatibility

Multi-channel JESD204B 15-GHz clocking reference design for DSO, radar and 5G wireless testers.

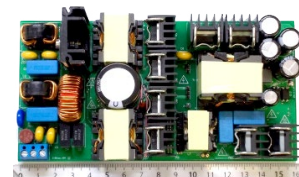
[View design](#)



Meet DO-160 qualifications with 93% efficiency

This is a compact, 30-V DC, 400-W reference design for avionics applications, accepting main frequencies between 400 Hz and 800 Hz.

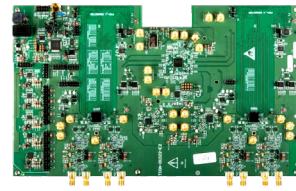
[View design](#)



Design for optimum system performance in a variety of A&D applications

Flexible 3.2-GSPS multi-channel AFE reference design for DSOs, radar and 5G wireless test systems.

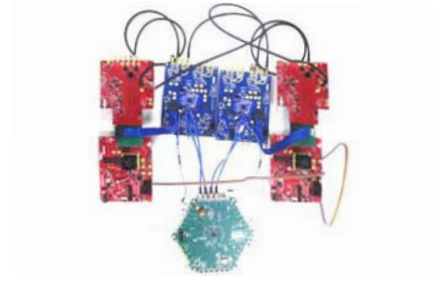
[View design](#)



Learn more about our premier low noise and scalable clocking solutions

High channel count JESD204B clock generation reference design for radar and 5G wireless testers.

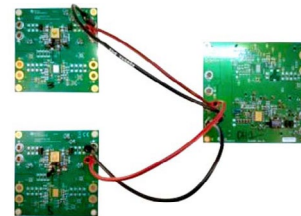
[View design](#)



Enhanced reliability using redundancy

Discover our new 3- to 7-VIN, space-grade point-of-load (POL) reference design with redundant eFuse inputs for over-current protection.

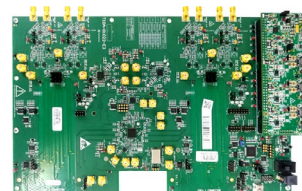
[View design](#)



Design for scalable 20.8 GSPS with 12-bit digitizers

This reference design describes a 20.8-GSPS sampling system using RF sampling analog-to-digital converters (ADCs) in time interleaved configuration.

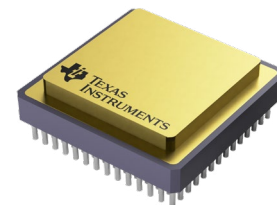
[View design](#)



Design with space grade, high performance data converters

Learn more about our 12-bit, dual 3.2-GSPS or single 6.4-GSPS, RF-sampling analog-to-digital converter for space applications.

[Discover more](#)



The newest member of our radiation hardened space power family

Get to know the radiation-hardness-assured (RHA), 3-V to 7-V input, 18-A, synchronous step-down converter.

[Learn more](#)

