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Microsemi radiation tolerant FPGAs

Tuesday 27 September 2016 14:00 (45 minutes)

This presentation will provide an overview of key enabling technologies addressing the increasing demands for reduced size, weight, power consumption and enhanced signal processing throughput in next generation radiation tolerant systems, without sacrificing reliability.

RTG4 is Microsemi's next generation FPGA family for radiation environments using a 65nm low-power flash process, which is immune to changes in configuration due to radiation effects.

An overview of the features and performances of RTG4 FPGAs will be provided, as well as development software, EcoSystem solutions, devices and systems for prototyping.

Presenter: CATTANEO, Luca (Microsemi)

Session Classification: Invited Talk