

## ***Atmel/Microchip Products***

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Microchip/ATMEL will present the current products and the roadmap for technologies and products of the future.

The use of microprocessors / microcontrollers in space applications is continuously increasing. Application becoming more and more demanding in term of volume of data to be managed, a strong constraint is the optimization of the computing capability.

The constant increase of the complexity of the space applications leads to the research for more and more powerful calculators. A strong push in the requirement is focused on increasing the computing performance of the processors embedded in the satellites.

The portfolio include rad tolerant and rad hard devices from small MCU to complex multicore SoCs that can cover all the Space possible applications from control core of sensors and actuators to high performance processing core of Platform/Payload Computer.

Microchip/ATMEL has been and is a main actor in the development of Leon Based solutions and now is supporting evolution of Space technology through widely deployed architecture based on ARM, AV & dsPIC core

Information related to development systems and tools will complete the presentation

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