

Hardware for Instrumentation and Communications

Date:	16/06/2016
Technology:	Hardware for instrumentation and Communications
TRL:	Have been designed elements that are presently at TRL-7
Expert:	J.M. Gómez and J. Bosch
Original Application:	Automotive industry and Spaceborne Image Stabilization System
Projects:	Ficosa and Solar Orbiter Polarimetric and Helioseismic Imager
Key points:	<ul style="list-style-type: none">- Design and implementation of hardware for analog, digital and medium voltage power applications- Instrument and platform communications based on industry and space standards like CAN or Space-on-Chip Wire
Potential Space Science Applications:	<ul style="list-style-type: none">- Sensor front-end- Actuator control- Interchange of data between systems
Potential Applications:	Nano-satellites, ground-based and spaceborne instruments