

POWER MANAGEMENT AND CONTROL

Full spectrum of low and medium power solutions
ensuring smart Power Management
Enhanced Solid State Power Distribution based
on Solid State Switches with high
performance management capabilities



SISTEMI AVIONICI



S I S T E M I A V I O N I C I

Since 1962 LOGIC has been studying, developing, manufacturing and selling Aeronautical Equipment.

Benefiting from decades of experience and familiarity with the latest technologies, LOGIC not only meets requirements but achieves standards of excellence.

Highly professional engineering skills and techniques ensure the highest levels of performance are achieved throughout all phases of the project: Design, Development, Qualification, Production and In-Service Support.

LOGIC's flexibility in tailoring solutions to the needs of the Customer has generated a wide range of equipment for the various families of products.

LOGIC has Qualified Supplier status with the world's major manufacturers of fixed and rotary wings aircraft.

POWER MANAGEMENT AND CONTROL

Logic's experience in electronic design has found its natural outlet in solutions dedicated to low and medium power applications, ensuring smart power management and complex function control capabilities.

In particular, the market trend to increase the use of electrical applications, created the need for greater electrical control in solid state power distribution applications, based on solid state switches, able to ensure high performance management capabilities.

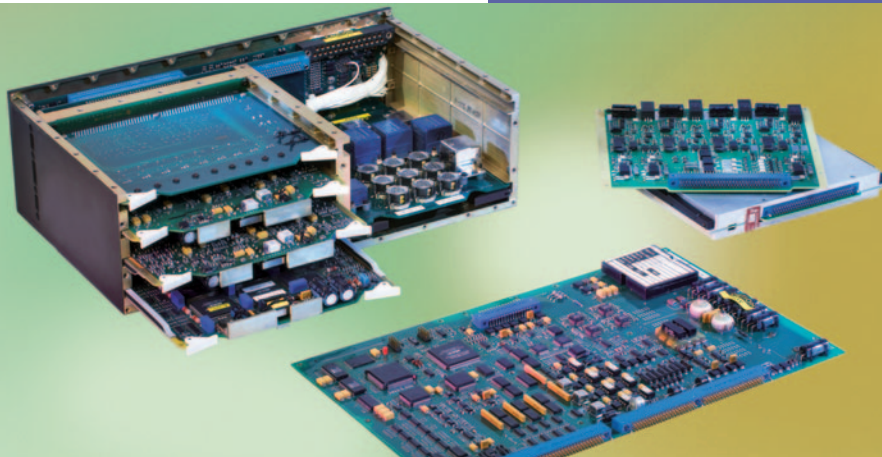
With that in mind, Logic has developed last generation of solid state power solutions, side by side with traditional frameworks able to operate with both AC and DC power systems.

MAIN FEATURES

- Tailored solutions for power optimization;
- Dedicated safety architecture;
- Minimum internal power dissipation;
- Anti- chaffing algorithms available;
- Modular design;
- SW- and HW- driven interlocks.

EQUIPMENT

- De-Icing Controllers
- Emergency Floatation Units with Water Immersion Sensors
- Folding Automatic Controllers
- Generator Control Units
- Solid-State Power Controllers (SSPC)
- Solid-State Power Modules (SSPM)



We do not only claim that
OUR IDEAS FLY ALL OVER THE WORLD
They truly do just that!

Our systems fly on

- ALENIAAERMACCHI MB339 - CD
- ALENIAAERMACCHI M346
- AGUSTAWESTLAND A109 / A129
- PILATUS - PC7 / PC9 / PC12
- AIRBUS HELICOPTERS EC225
- NHI - NH90

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