



OHB Italia SpA is acknowledged as one of the leading medium size companies in Europe for space systems integration. It is part of a cluster of European enterprises operating in the aerospace business. Founded in 1981, with headquarters in Milan and excellence centres in Italy, the company employs more than 180 qualified engineers & physicists.

OHB Italia has consolidated expertise, resources and facilities to carry out manufacturing, integration, qualification and flight certification, with a role of Prime Contractor in different fields of activities.

Its success is due to a combination of technical expertise, innovative technologies and low cost solutions, which allow to give customers easy access to space.

The company operates both on the institutional and commercial markets.

Its main customers are space agencies, space authorities and large industrial groups.

OHB Italia is seeking for its **Satellites** Department in Milano or Rome for immediate start a

### **Power Electronics Engineer (m/f) Ref.06\_18**

#### **Your Tasks**

- Definition of power conditioning and distribution architecture according to ECSS and customer requirements
- Selection of most suitable topology for the power conditioning and distribution
- Simulation of the selected topology
- Preparation of design documentation
- Support to the reviews with the customer
- Design of the DCDC converter
- Design of Power Distribution/protections
- Analysis of the performances (efficiency, power quality, EMC/EMI)
- Defining the test plan to verify performances
- Test of the designed boards
- EMC/EMI test execution

#### **Your Qualifications**

- Degree in Electronics Engineering or Physics
- Experience in DCDC converter design, possibly for military or aerospace application
- Knowledge of EMC/EMI standards
- Several years of experience in power electronics design, possibly for military or aerospace application
- Fluent English

**OHB Italia SpA**  
Human Resources  
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Become part of our team! Apply by sending your updated CV and cover letter via E-Mail to [rstaffiere@cgspace.it](mailto:rstaffiere@cgspace.it)