



WORK WITH US > POSITIONS

We are a community of people, values and knowledge. We aim to offer our customers a “human experience”, where high technology, value and design expertise come together to create a personal environment of open and honest dialogue and interaction. We aim to preserve our customer centric orientation – and extend it to include customer centric products. ROAL offers a unique opportunity to share your passion for our products with customers. If you're looking for a rewarding environment in which to build your career using your special skills and talents, you might just be one of the passionate individuals we're looking for:

- **Junior Design Engineer for Switch Mode Power Supply (SMPS) Sector** -- [Ref code 001](#)
Designing AC-DC and DC-DC commutation mode converters for Telecom, I.T. and industrial applications.
- **Junior Design Engineer of Solid State Light Sector Hardware/Firmware** -- [Ref code 002](#)
Hardware and firmware development of the design for LED technology illumination.
- **Junior Firmware Engineer for the Home Appliances sector** -- [Ref code 003](#)
Firmware development in home appliances control boards.
- **Junior Mechanical Engineer** -- [Ref code 004](#)
Drawing and designing mechanical parts for products used in the sector of power conversion, Led illumination and home appliances control boards.
- **Junior PCB lay-out Engineer** -- [Ref code 005](#)
Designing electrical schematics and developing the lay-out of single or multi-layer printed circuits for electronic boards.

If you think that your skills match the requirements indicated on the job descriptions above, please send your resume inserting on the subject the Ref code.

You are welcome to leave your resume for upcoming new jobs in the case you wont find what you are looking for. Your datas will be collect in our Database according with the law on the privacy.

roalcv@roallivingenergy.com

WORK WITH US > JOB DESCRIPTION

R&D department personnel profile search

Junior Design Engineer for Switch Mode Power Supply (SMPS) Sector - Ref code 001

Job position:	Junior Hardware Design Engineer for the SMPS sector
Job description:	Designing AC-DC and DC-DC commutation mode converters for Telecom, I.T. and industrial applications.
Contract:	Trainee's or temporary, with the possibility of change upon expiry date
Age:	25 - 35 years
Titolo di studio:	Degree in Electronic Engineering Power Electronics specialization preferred
Languages:	Good level of spoken and written English
Required hardware knowledge:	Basic knowledge of power electronics, AC-DC, DC-DC converters and relating electronic components. Good at using laboratory instruments for measuring electrical, thermal and electromagnetic compatibility.
Required firmware knowledge:	Not indispensable but preferable, basic knowledge of firmware development programming using the C and Assembler language and principal communication protocols.
Analogical/digital simulation programs:	Basic knowledge of analogical/digital simulation programs, like PSPICE, Matlab, Orcad, etc...
Other:	Willing to be transferred to Italy or abroad, if necessary

If you think that your skills match the requirements indicated on the job descriptions above, please send your resume inserting on the subject the **Ref code 001**

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WORK WITH US > JOB DESCRIPTION

R&D Department personnel profile search

Junior Design Engineer of Solid State Light Sector Hardware/Firmware - Ref code 002

Job position:	Junior Design Engineer of hardware/firmware for the Solid State Lighting sector
Job description:	Hardware and firmware development of the design for LED technology illumination
Contract:	Temporary or permanent
Age:	25 - 35 years
Degrees:	Degree in Electronic Engineering Preferably specialized in Microelectronics
Languages:	Good level of both spoken and written English
Required hardware knowledge:	Basic knowledge of power electronics, AC-DC, DC-DC converters and relating electronic components. Ability to use basic laboratory instruments for measuring electrical, thermal and electromagnetic compatibility.
Required firmware knowledge:	Basic knowledge of firmware program development using the C and Assembler language. Knowledge of development systems for microprocessors, Microchip, ST, Freescale Texas Instruments preferable. Knowledge of DSP Texas Instruments and Freescale development systems.
Communication protocols:	Basic knowledge of communication protocols, preferably I ² C, DMX, RS232, CANBus.
Analogical and digital simulation programs:	Basic knowledge of analogical/digital simulation programs, like PSPICE, Matlab, Orcad, etc...
Other:	Willing to be transferred to Italy or abroad, if necessary

If you think that your skills match the requirements indicated on the job descriptions above, please send your resume inserting on the subject the **Ref code 002**

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WORK WITH US > JOB DESCRIPTION

R&D Department personnel profile search

Junior Firmware Engineer for the Home Appliances sector- Ref code 003

Job position:	Junior Firmware Engineer for Home Appliances products
Job description:	Firmware development in home appliances control boards
Contract:	6-month trainee's contract or a contract of collaboration, with the possibility of change upon expiry date
Age:	25 - 35 years
Education:	Degree in Electronic Engineering Microelectronics specialization preferable
Languages:	Good level of both spoken and written English
Hardware knowledge:	Basic electronics applied and related to components. Ability to use basic laboratory instruments for measuring electrical, thermal and electromagnetic compatibility.
Firmware knowledge:	Basic knowledge of firmware development using the C and Assembler protocol. Preferably good at using development systems for microprocessors, like Microchip, ST, Freescale Texas Instruments and Texas Instruments and Freescale DSP
Communication protocols:	Basic knowledge of communication protocols, I ² C, DMX, RS232, CANBus preferred.
Analogical and digital simulation programs :	Basic knowledge of analogical/digital simulation programs, like PSPICE, Matlab, Orcad etc...
Other:	Willing to be transferred to Italy or abroad, if necessary

If you think that your skills match the requirements indicated on the job descriptions above, please send your resume inserting on the subject the **Ref code 003**

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WORK WITH US > JOB DESCRIPTION

R&D Department personnel profile search Junior Mechanical Engineer - Ref code 004

Job position:	Junior Mechanical Engineer
Job description:	Drawing and designing mechanical parts for products used in the sector of power conversion, Led illumination and home appliances control boards
Contract:	Trainee's or a contract of collaboration, with the possibility of change upon expiry
Age:	25 - 35 years
Education:	Degree in Mechanical Engineering
Languages:	Good level of both spoken and written English
Required knowledge of design software programs:	Ability to use 3D drawing/design programs, such as Autocad, Inventor, Visicad
Simulation Programs:	Knowledge of simulation programs of thermal and air flows, like Flowtherm
Other:	Willing to be transferred to Italy or abroad, if necessary

If you think that your skills match the requirements indicated on the job descriptions above, please send your resume inserting on the subject the **Ref code 004**. You are welcome to leave your resume for upcoming new jobs in the case you wont find what you are looking for. Your datas will be collect in our Database according with the law on the privacy.

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WORK WITH US > JOB DESCRIPTION

R&D Department personnel profile search Junior PCB lay-out Engineer - Ref code 005

Job position:	Junior PCB lay-out Engineer
Job description:	Designing electrical schematics and developing the lay-out of single or multi-layer printed circuits for electronic boards.
Contract:	Trainee's or a contract of collaboration, with the possibility of change upon the expiry date
Age:	20 - 28 years
Education:	A Graduate from a short-term Electronic Engineering studies or a Diploma of an Electro-technician
Languages:	A discrete level of both spoken and written English
Required knowledge of design software programs:	Ability to use 2D design programs, such as Autocad. Ability to use design programs for electrical schematics and lay-out, such as Orcad, Cadstar.
Other:	Willing to be transferred to Italy or abroad, if necessary

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