



ON Semiconductor®

## ON Semiconductor

ON Semiconductor (Nasdaq: ON) is driving energy efficient innovations, empowering customers to reduce global energy use. The company is a leading supplier of semiconductor based solutions, offering a comprehensive portfolio of energy efficient power and signals management, logic, standard and custom devices. The company's products help engineers solve their unique design challenges in automotive, communications, computing, consumer, industrial, medical and military/aerospace applications. ON Semiconductor operates a responsive, reliable, world-class supply chain and quality program, and a network of manufacturing facilities, sales offices and design centers in key markets throughout North America, Europe, and the Asia Pacific regions.

For more information, visit <http://www.onsemi.com>

### Application Engineer (2 openings)

#### Job Description:

- Research topology for 3-level conversion apply in solar and UPS.
- Design inverter power conversion circuit using ON Semi components in solar, UPS and motor application.
- Write application notes.
- Design hardware and software tools for circuit and component evaluation.
- Conduct performance comparison between different generations of power semiconductor, eg. IGBT vs SiC MOSFET.

#### Requirements:

- **Master Degree and above in Electrical/Electronics/Electronics Information/ Power Electronic/Automation with solid design experience in high power conversion.**
- Familiar in different power topologies such as 2-level, 3-level inverter and converter.
- Hands on experience in design of >10kW 3-phase power converter and software algorithm will be an advantage.
- **Final project in power electronics is an advantage.**
- Good Communication skills and proficient in both Chinese and English.

<b>Working Days</b>	Monday to Friday
<b>Working Hours</b>	9am - 6pm
<b>Annual Leave</b>	15 days per year
<b>Other Benefits</b>	Medical, dental and life insurance
<b>Location of Work</b>	HK Science Park, Shatin, N.T



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**Application**

Submit a cover letter and a detailed resume to  
[Staffing.Asia@onsemi.com](mailto:Staffing.Asia@onsemi.com) (Ms. Chung and Ms. Butt)