



Senior Staff Engineer

Job description

The main tasks include but not limited to:

- On-site support local OEMs and tier1 to design in Infineon ATV products (especially for smart switches and power products) in new E/E architecture related applications (such as power distribution system);
- Collect OEM's and tier1 information of network and power net in new E/E architecture and feedback HQ the market requirement and trend;
- Build the good relationship with the technicians of the OEMs and tier1;
- Provide technical training to customers on Infineon devices for related applicationsk;
- Product definition to fit China market requirement.

Profile

You are best equipped for this task if you have:

1. Be familiar with Hardware design for vehicle power net:
 - Deep understanding of power stage design including gate drivers, control loops, fault systems and power FETs;
 - Deep understanding of power devices, power loss calculation and thermal analysis;
 - Familiar with all the semiconductor switch as power protection in power net;
 - Familiar the feature of traditional Relay and Fuse;
 - Familiar with PCB thermal simulation and current capability simulation.
2. with basic knowledge of Software design for vehicle network:
 - the architecture of AUTOSAR and the MCAL for MCU;
 - the traditional IVN such as the CAN, LIN, FLEXLAY, SENT;
 - the new network such as Ethernet with TSN, WIFI, USB, LVDS;
 - Know the mainstream semiconductor solutions for advanced computing platform and autopilot platform.

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

At a glance

Location:

Job ID: **372429**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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