



Staff RF Engineer Radar Sensing

Job description

In your new role you will:

- Design reference antennas and MmWave RF structures for Infineon's 24GHz and 60GHz Radar portfolio
- Building up test setups for antenna and system performance characterization and performing measurements on the same
- Closely interact with our customers and Headquarter team (customer support in integrating our 24 GHz and 60GHz products into their end product, creation of professional training material and training of customers on products and standards)
- Gather customer requests on products, collaterals and contribute to future product definition phase
- Design customized and innovative antenna solutions and prototypes for 24 GHz and 60 GHz applications
- Support customer to design radome to achieve best MmWave signal quality

Profile

You are best equipped for this task if you have:

- Degree in Electrical Engineering, Physics, first years of working experience
- Experience in 24 GHz and 60 GHz antenna design with EM simulation tools (e.g. HFSS, ADS, CST)
- Understanding the working principal of CW and FMCW radar
- Experience in RF filter design and intermediate frequency baseband optimizing
- Practical experience in PCB board design with CAD software such as Altium Designer
- Experience on building up an automated antenna test setup using Matlab or similar tools
- Fluent English skills

At a glance

Location: **(Hong Kong,)**
Job ID: **330447**
Start date: **immediately**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

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