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## RF Senior Development Engineer (11776556)

**Posting Date** Apr 19, 2011

**Primary Location** FR-Midi-Pyrénées-Haute-Garonne-Toulouse (ZFR11)

**Job RF**

**Education Level** Master's Degree

**Job Type** Experienced

**Is It Temporary Contract?:** No

### Description

Freescale is the global leader in embedded processing solutions, advancing the automotive, consumer, industrial and networking markets. From microprocessors and microcontrollers to sensors, analog ICs and connectivity – our technologies are the foundation to the innovations that make our world greener, safer, healthier and more connected.

For our RFD (RF Division) Design Centre of Excellence, based in Toulouse (France), we are looking for a:

### Senior RF Design Specialist (m/f)

RFD's mission is to develop products and technologies to serve the RF power market through semiconductor solutions from 30dBm to 1KW, few MHz to 3 Ghz+, leveraging various technologies such as LDMOS, GaAs and GaN used in discrete or power ICs configurations.

While diversified across various RF power market segments (Broadcast, Avionics, Radar, ISM...).

RFD has today a strategic focus and a dominant position in the cellular/wireless telecom network industry, resulting in major market share and engagement with each of the key global players in this field.

Freescale's dominance is based on a strong customer intimacy to read and anticipate market trends along with an accelerated rate of innovations to timely release state of the art RF semiconductors solutions.

Following the "wireless voice" revolution, thanks to GSM mass deployment during the past decade, the strong and fast adoption of Smart Phones is already steering rapid ramp up in 3G

networks while promising sustainable growth through 4G technology for the coming decade.

Freescale's technical expertise and technologies for advanced PA architectures to cope with 3G/4G networks and multi-standard radio, leads the company to a bright future.

You main responsibilities will be the following:

To respond and anticipate over these exciting market dynamics, we are looking for senior RF designer to become a key member of the strategic design team, located in Toulouse, France.

You will be working at the forefront of Freescale RF innovation, developing advanced solutions in collaboration with European telecom majors such as Ericsson, Alcatel-Lucent or Nokia Siemens Networks. You will be the technical reference in his field of expertise.

**Qualifications:**

To be succesfull in this role you will have already demonstrated the following skills and expertise:

You have a strong technical background in RF power semiconductors or amplifiers design (RF engineering degree **with ten years design experience**), familiar with advanced PA architectures such as Doherty or SMPA using LDMOS, GaAs or Gan technologies.

Proven Technical leadership capabilities and ability to influence the business, both internally (design team and overall RFD Group) and externally (working closely with key customers and partners).

Excellent interpersonal skills in an international environment (North America and Asia) and capability to foster close cooperation within multi-site teams.

Fluent in English, a recent experience within large multinational corporation culture will be a plus.