
STANDARD COMMUNICATIONS PTY LTD

POSITION DESCRIPTION

RF Design Engineer

Position Summary:	To design radio communications hardware, systems and sub-systems that meet operational performance criteria and company standards.
Department:	Engineering
Reports to:	Engineering Manager
Nature and Scope:	The incumbent is required to work without supervision. Applies knowledge with substantial depth and demonstrates a range of skills which are varied or highly specific. Judgement and initiative is required.
No. Of Staff:	0

Specific Role, Key Duties and Responsibilities:

- Design and develop RF and electronic schematics, PCBs and components from requirements to production and commercial deployment.
- Evaluation and testing of electronic components to specification and industry standards.
- Layout printed circuit boards and prepare production documentation.
- Handover of products to manufacturing, including development of test jigs and training production and service staff.
- Design automated test equipment for production.
- Project management
- Evaluation, testing and compliance to company and legislative standards, including certification, documentation, etc.
- Production support and maintenance of equipment.
- Remain up to date with the latest and emerging technologies and applications.
- Seek out industry best practice standards for continual professional development.

Qualifications & Experience Required:

- Bachelor degree qualified in Electrical Engineering, Computer Engineering or similar technical discipline.
- A minimum of 5 years experience in either discrete RF circuit design or discrete analog circuit design.
- Demonstrated experience using PCB layout packages (i.e. Altium).
- Experience with design for manufacture requirements.
- Familiar with linear, non-linear, audio and power circuits and DSP processing.
- Experience developing microprocessor based devices.
- Familiar with radio modulation formats (e.g. AM, FM, C4FM).
- Experience with board bring-up and developing and debugging C applications on embedded targets.
- Familiar with microprocessor interface standards (e.g. I2S, I2C, SPI, UART, RS232, USB).
- Strong communication and interpersonal skills.
- Self-starter with good self-management skills.
- Enjoy working with a collaborative team and in a technically challenging environment.
- A commitment to best practice, innovation, continuous improvement and customer focus.

Competencies:

Problem solving	Teamwork	Innovation
Action oriented	Creativity	Agility
Attention to detail		

Key Challenges

The need to provide innovative solutions in a highly technical environment.

Requirement to continuously improve the cycle time from product concept to commercialisation.

Job Environment

Collaborative, office based role

Requires liaison with manufacturing personnel

Core hours 8.30 am to 5.00 pm (37.5 hours per week) Monday to Friday.

Salaried position. The nature of the role will require flexibility for additional hours to meet the demands of the position.

INCUMBENT

Name: (Print) _____

Signature: _____

Date:

DEPARTMENT MANAGER

Name: (Print) _____

Signature: _____

Date: