



Application Engineer

Position	
Business Unit:	Operations - Application Development
Job Title:	CAD ENGINEER
Hierarchical reporting:	APPLICATION DEVELOPMENT MANAGER
Responsibilities	
- PCB Layout Development	
- Drafting, management and archiving of technical documentation	
- Management of external suppliers for PCB Layout development	
Core activities	
- PCB Layout Development	
- Positioning and assembly cost estimates for non-standard fixtures	
- Technical support to external suppliers for PCB layout development	
- Submission of technical documentation to PCB manufacturers and assemblers	
- Technical support to PCB manufacturers and assemblers	
- Execution of post layout simulation	
Required knowledge and skills	
- Knowledge of Zuken and Mentor (Xpedition) CAD SWs for PCB Layout design	
- Knowledge of Hyperlynx SW for signal integrity simulation	
- Knowledge of Ansys Siwave SW for AC and DC PCB simulation	
- Ability to read electrical schematics and mechanical drawings	
- Knowledge of IPC A600 (PCB) and IPCA610 (ASM) standards	
- Excellent planning and organizational skills	
- Excellent problem-solving skills	
- Excellent interpersonal skills	
- Stress management skills	
Education & Training	
- Diploma of Superior Technical (Electronics) Institute	