



Example of Lead Design Engineer Job Description

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Our innovative and growing company is looking for a lead design engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for lead design engineer

- Progress the proposed modifications to resolve issues through the required approval routing process
- Follow appropriate engineering processes as determined upon area of work and implement test programmes and interpret results, approving or rejecting modifications as appropriate
- Lead design reviews and safety reviews on small projects or as delegated by the Engineering Department Leader
- This is a lead engineer position responsible for designing and developing OSA (Optical Sub-Assembly) for high speed fiber optics transceivers, using various technologies, such as DML, EML, MZM, Silicon Photonics, PIN, APD
- Lead all elements of design engineering including design reviews, design verification requirement & Spec developments and implementation
- Support management in identifying internal and external resources to support product development
- Execution of RFQs, Creation of 3D designs & drawings for parts & assemblies of exhaust system as per the standards of respective customer / internal standard
- Interact with Program development team & generate design concepts
- Conduct Kickoff Meeting for each program and understand the requirement
- Provide input for Resource capacity for execution of program

Qualifications for lead design engineer

and assembly-language/intrinsic programming for a DSP or DSP-like processors

- BS and MS degree in Computer Science, Electrical, Aerospace, Mechanical Engineering, or related field
- At least 9 months of experience working on a design team in a senior capacity for spacecraft and drone testbeds
- Electronics and PCB design experience
- Electronics testing and troubleshooting skills
- Experience with embedded C and Python coding