



Example of Component Engineer Job Description

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Our company is looking to fill the role of component engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for component engineer

- Work with CAE team to evaluate strength of component designs
- Properly validate all designs and document via appropriate reports
- Support Bid/Win and Applications projects as required
- Support resolution of engineering issues when needed
- Technical Data capture of Electronic Components from Manufacturer provided datasheets or websites
- Knowledge of full materials disclosure (FMD) and IPC-1752 materials declarations is preferred
- Identification of alternates for obsoleted components, review of component lifecycle to assure longevity and applicability and selection of parts that best fit the requirements
- Define preferred components (manufacturers and series)
- Define the electronics component database that will hold passive and active components, IC's and inductive components
- Evaluate alternative components to match the preferred components

Qualifications for component engineer

- TagetLink experience
- Bachelors Degree in Electrical or Electronics
- Bachelor's Degree in Mechanical Engineering (or equivalent) and at least 2 years of engineering work experience is required

- Ability to present clear and concise verbal and written communications is a plus
- Ability to identify, analyze, and solve technical problems associated with electronic parts