

Title: Achieving the right FPGA design quality – Could reviews save the day?

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Abstract: Some of the most important quality aspects of an FPGA are:

- a) Functional quality. Does the FPGA perform its intended tasks - for all corner cases – with no hiccups?
- b) Readability and understandability.
- c) Ease of modification.

Verification is crucial, but only handles part of the quality aspects, - so we need good walk-throughs and reviews. Unfortunately however, most reviews in most companies are close to useless.

This presentation evaluates some critical quality aspects and suggests solutions on how to handle these.