

# Qualify a stable Supplier Portfolio

## Background

- Multiple sourcing requires a common understanding of product reliability and the related requirements
- Different component tests cause production and field quality issues
- Comparable indicators to ensure homogenous quality are missing

## Customer benefit

- Integration of suppliers into the validation program and risk-based qualification of candidates
- Risk related testing hierarchy in division of work with the suppliers
- Consistent demonstration of component maturity and quality

## Requirement

- Establish comparable validation tests and reporting.
- Mandatory execution by all established suppliers and all candidates
- Dedicated testing against reliability and durability risks

## The Solution

- Assessment of supplier-tests with respect to target achievement
- Derivation of the mandatory test program, equal for all suppliers
- Specification of the component maturity demonstration, Q-gate located at the suppliers

