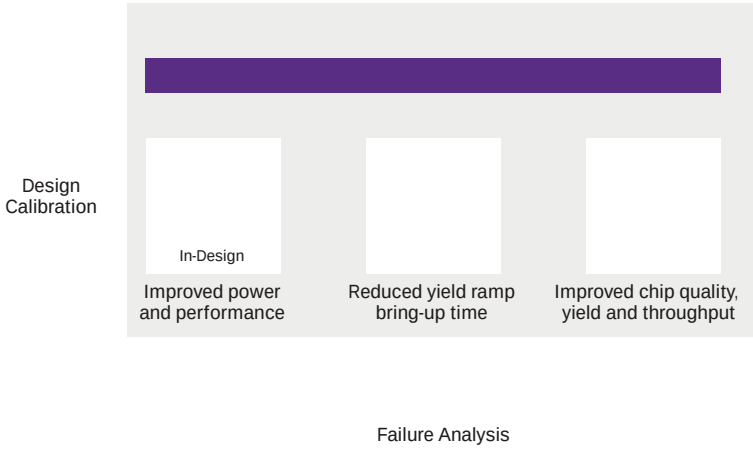
Overview

Synopsys Silicon.da is a unique analytics solution spanning design and product manufacturing lifecycle phases from in-design to in-ramp and then onto in-production as part of the Synopsys Silicon Lifecycle Management (SLM) family of solutions.

This solution offers the ability to process and analyze orders of magnitude more silicon data compared to prior approaches. Synopsys Silicon.da automatically highlights silicon data outliers, enabling engineering teams to quickly identify and correct underlying issues in the semiconductor supply chain. The solution also boosts productivity by consolidating analytics across all manufacturing phases within a single environment and avoiding time-consuming usage of multiple tools.

With Synopsys Silicon.da, engineering teams can leverage silicon design, production and sensor data to quickly determine how to improve key chip production metrics such as yield, quality and throughput, while also improving key silicon operational metrics such as chip power and performance.



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