



CASE STUDY

AMS verification for Microphone

Services

Embedded

semiconductor

AI

Cloud

Automotive

healthcare

Industry 4.0

Consumer Electronics

Industry Verticals

CASE STUDY

AMS verification for Microphone

CUSTOMER & THE NEED

A US based Semiconductor company was looking for a strategic partner to help them with modeling and AMS verification for digital and analog microphone

DESCRIPTION

Ignitarium was responsible for the following

- Updating models for IPs to be used for digital verification and AMS verification
- Perform Model Vs Schematic
- Perform AMS verification
- Maintain dedicated documents of the work to present to customers

Modeling
and
Verification

Comprehensive
AMS
verification
portfolio

HIGHLIGHT

- Dedicated ODC
- Worked on Modeling of IPs to be used for digital verification and AMS verification
- Detailed AMS functional verification
- Checks added to improve the scope of verification

TOOLS

- Cadence Virtuoso, Xcelium

CUSTOMER BENEFITS

- Ownership of multiple IP Modeling
- Responsible for testcase development for AMS verification

Thank You

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