



POWER DELIVERY UNIT (PDU)

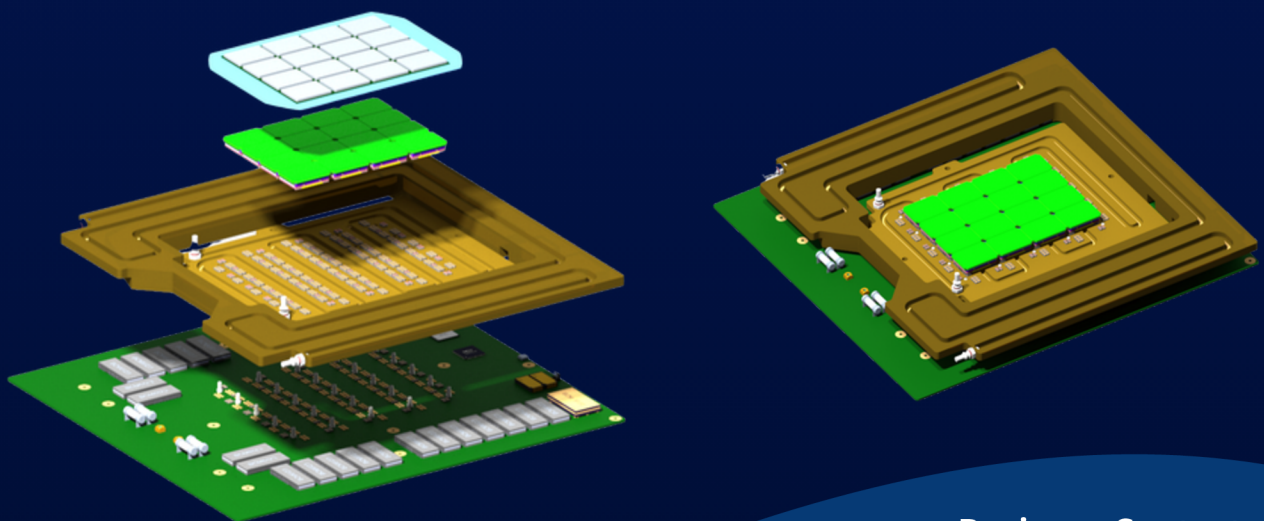
INTEGRATE VRM AND PDB TECHNOLOGY ➤

Introduction

Power Delivery Unit (PDU) integrates Voltage Regulator Module (VRM) and Power Distribution Board (PDB). To supply power for Artificial Intelligence (AI) accelerator chips with System on Wafer (SoW) structure. Through vertical power delivery technique to place power VR below the SoW to reduce power loss and improve power efficiency.

Solution Highlights

- ✔ Vertical power delivery for SoW (System on Wafer) Architecture
- ✔ Support up to 30 KW - 40 KW power load
- ✔ High power efficiency
- ✔ Liquid cooling for high heat dissipation



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