

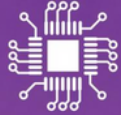
# PROFESSIONAL PRINTED CIRCUIT BOARD DESIGN

## WHAT WE DO?

### PCB DESIGN



Schematic



PCB layout



Simulation

### PRODUCT DEVELOPMENT



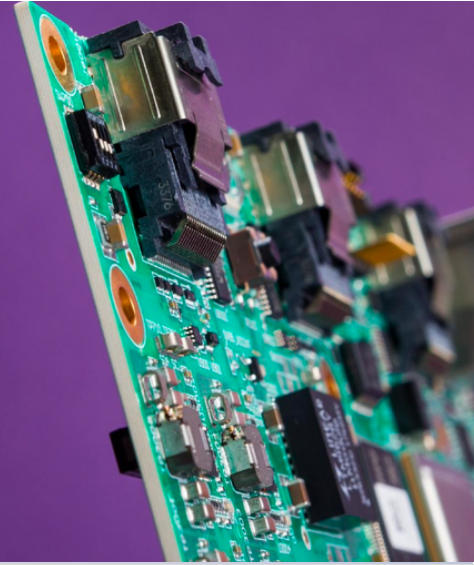
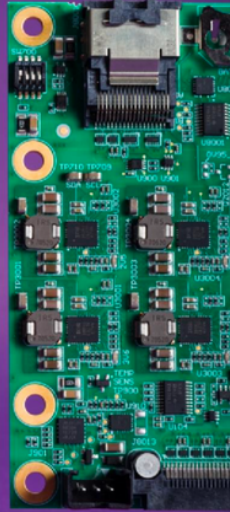
Manufacturing



Embedded software  
development



Functional  
testing



## BENEFITS

- Deep experience in designing the most up-to-date circuits
- The circuits designed comply with IPC standards and are cost effective to manufacture.
- Manufacturability, industrial standards and cost effective implementation
- Providing the 3D model of the PCB in STEP and 3D PDF formats for the mechanical engineering of the product.
- Offering 2/3-day courses on high-speed circuit design
- Complex product development service
- Mechanical engineering and design as well as prototyping and mass production is carried out involving our partners
- Participating in the CE certification process and electromagnetic compatibility (EMC) testing of products as well as in high-level functional testing.

## SPECIFICATIONS

- Schematic: developing the detailed technical specifications
- PCB layout
- SPICE and IBIS simulation: using IBIS-AMI models and 3D simulation in HyperLynx and SPICE simulation
- Production: prototyping and mass production of the most complex PCBs (mikrovia, flexible, 75 µm fineness) within a short deadline
- Embedded software development: microcontroller firmware and embedded Linux based development
- Functional testing: Linux based test environment
- EMC measurement/CE



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### MANUFACTURER

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