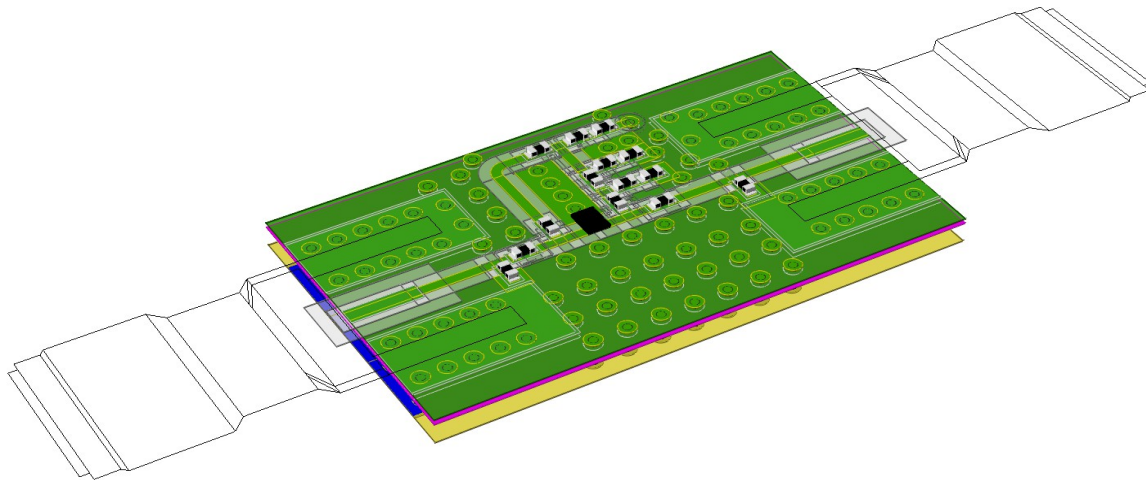
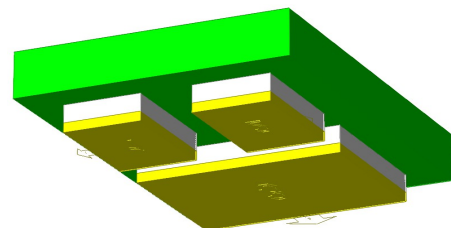
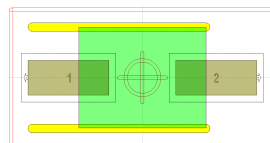
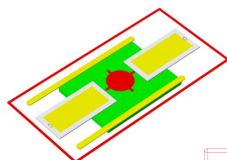


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Application Development Services

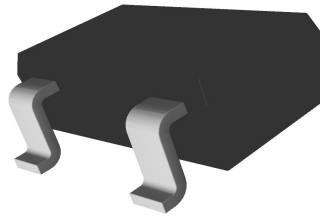
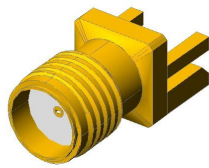
1. Devices Development, Simulation, Matching and Optimization
 - Different Technologies: PCB, LTCC, Laminate...
 - Devices Development:
 - Filters
 - Baluns
 - Amplifiers
 - Diplexers
 - Power Dividers
 - Antennas
 - Matching for LNA-s, PA-s and others...
2. Components and Footprints
 - Creating new Footprints using actual IPC format with specific customer requirements (ultra small, ultra mechanical stable,..)
 - Footprint Conversion to the Needed Soft (Mentor, Cadence, AWR,..)
 - From PCB Systems to AWR Microwave Office



<http://ag-rf-engineering.de/>

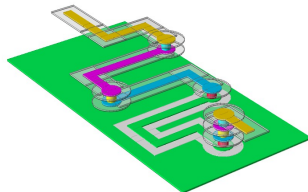
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3. High Quality 3D-CAD components – 3D-DXF(DWG),3D-PDF, 3D-SAT,...



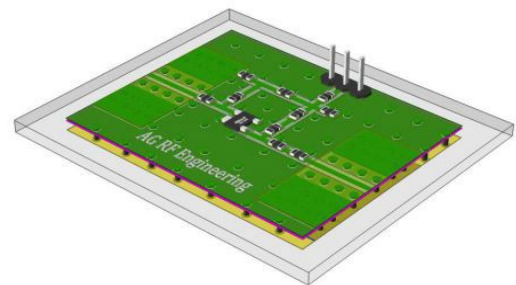
4. PCB Library Process

- PCB 2D, 2.5D, 3D, EM and Substrate settings
- 3D to EM Automatic Conversion
- Process Layers Settings (Negative Metal, Auto-gap,...)
- Line Routing Settings
- VIA Settings



5. PCB Design Services

- Schematic
- Layout
- Design Rules Check
- Gerber and Drill-list Export
- Bill of Materials
- Pick and Place

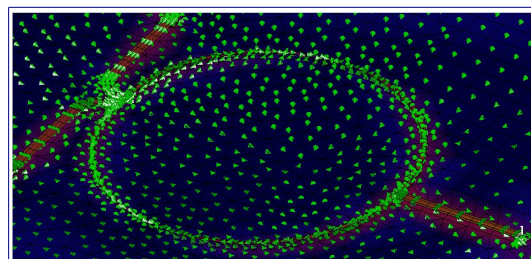


6. Programming Add-Ons

- AWR Microwave Office (Visual Studio)
- Auto-CAD (Visual Studio)

7. Simulation Services

- Mechanical Simulations
- Thermal Simulations
- Electra-Magnetic Simulations



Perfect Solutions for RF Development

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