

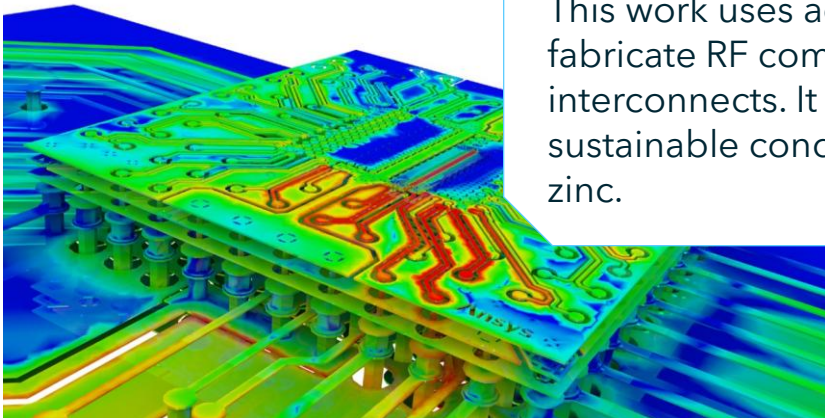
Additively Manufactured Interposers and Interconnects for RFICs



We have expertise in additive manufacturing and have demonstrated that printed RF interconnects and interposers can achieve performance comparable to conventional subtractive processes while significantly reducing cost and eliminating the loss of precious materials such as gold.

We can use different materials and transfer this knowledge & tech expertise into industry via training courses, feasibility studies, cost-benefit analyses.

This work uses additive manufacturing to fabricate RF components and interconnects. It employs alternative, sustainable conductor materials such as zinc.



BENEFITS

- Lower operating cost (no cleanroom infrastructure required)
- Reduced material use through additive fabrication
- Rapid scalability for manufacturing - shorter iteration cycles
- Comparable RF performance to subtractive fabrication
- Easier customization and low-volume production (valuable for emerging RF markets)

We help design the new process through rapid prototyping, offering a training programme and facilities.

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