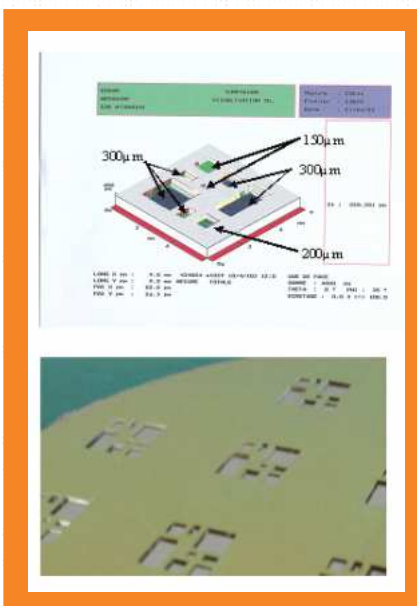
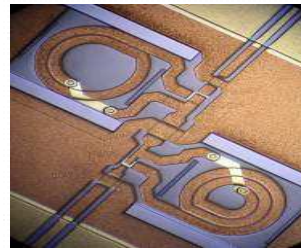
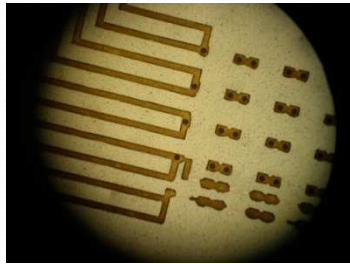


You cannot find a component on the market which meets your specifications?
Now you can have this product tailor made.

Even for low volumes, IBS can help you develop a product to fit your needs.

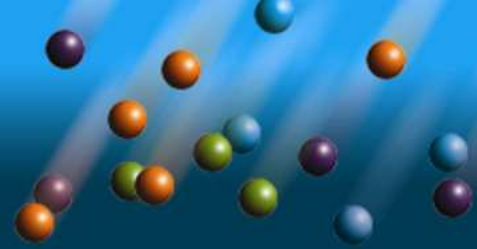
FUNCTIONALITIES

- Filtering
- Thermal management
 - Rerouting
 - Heterogeneous integration of components



REALIZATIONS

- Inductors
- Capacitors
- Resistors
- Silicon Integration Platform
- Heating elements and thermal sensors
- Rerouting layers
- Cavities



IBS PROPOSITIONS:

- Design of discrete components
- Simulations
- Masks layout
- Process Integration and manufacturing
- A scalable subcontracting: from single steps to full component

IBS PROCESSES:

- Oxidation and thermal annealingx
- Deposits: PECVD, LPCVD, Sputtering, thermal evaporation
- Photolithography: down to 1 μm definition / double side
- Etchings: RIE, IBE, wet, TMAH (anisotropic etching for Silicon)
- Ion Implants

IBS CHARACTERIZATION:

- Microscopy and critical dimensions (including SEM, TEM, AFM)
- SIM / TOF-SIMS / AUGER
- Rsquare and junction measurement
- Mechanical and optical profilometers, ellipsometer
- Manual and automatic probers

