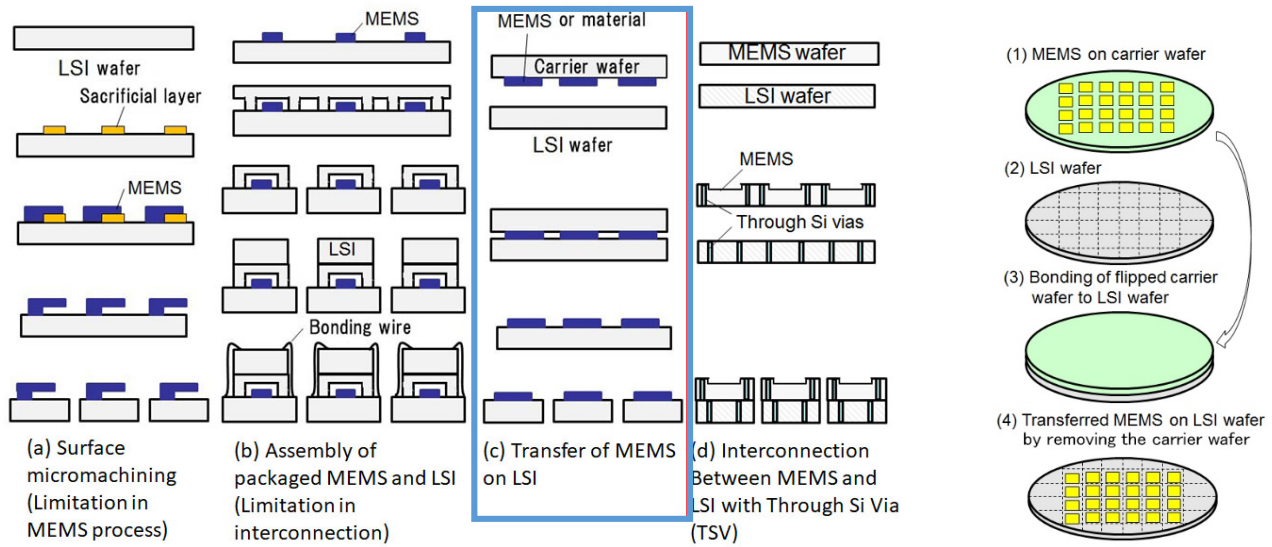
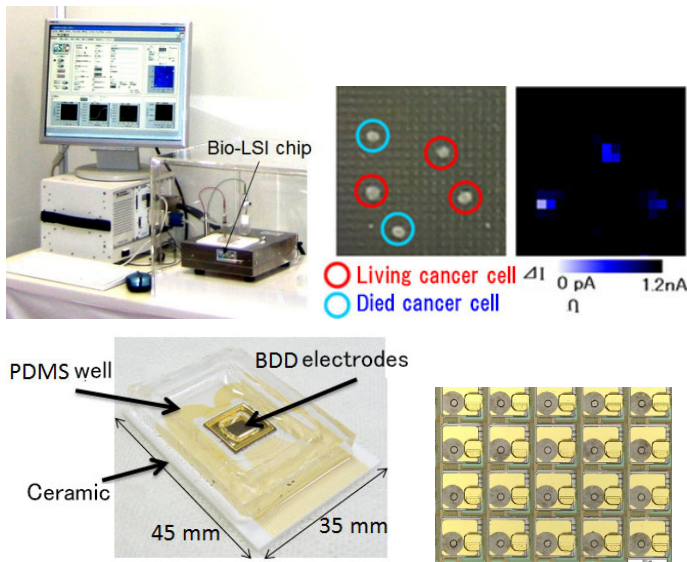


## 12 Heterogeneous integration of MEMS on LSI by transfer

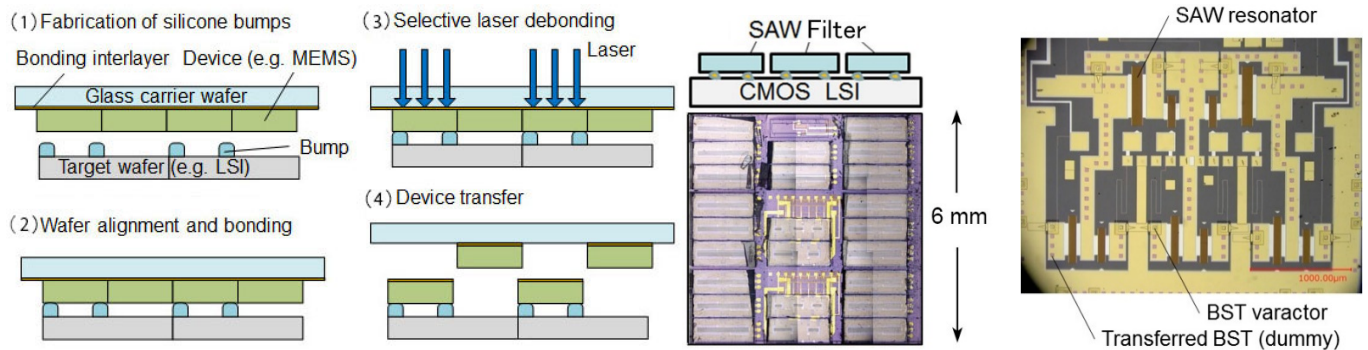
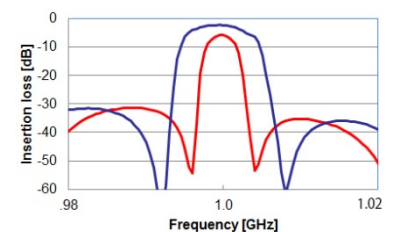
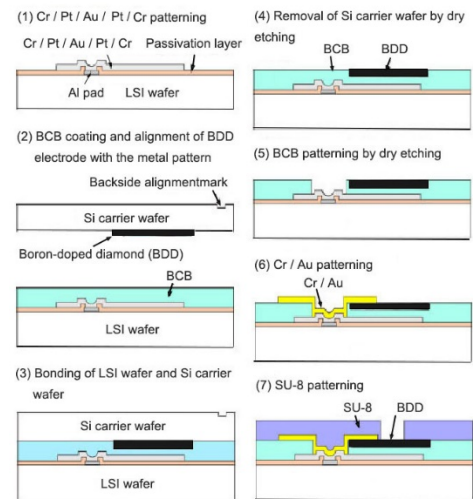


Heterogeneous integration

Transfer of MEMS or materials on LSI



BioLSI made by the transfer of boro doped diamond (BDD) film on LSI (Matsue)



Selective transfer process and multi SAW filter on LSI made by the process

Tunable SAW filter by selective transfer