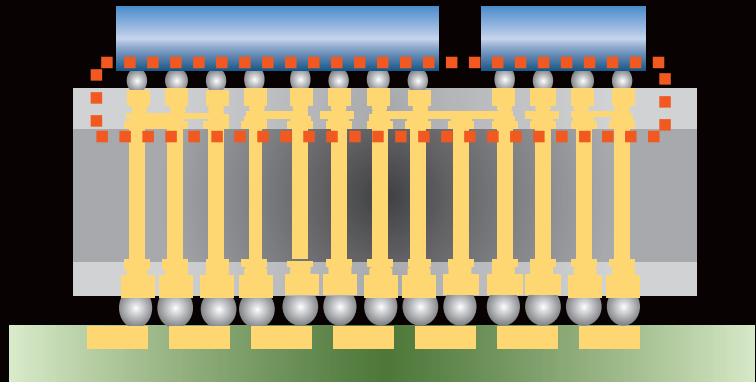
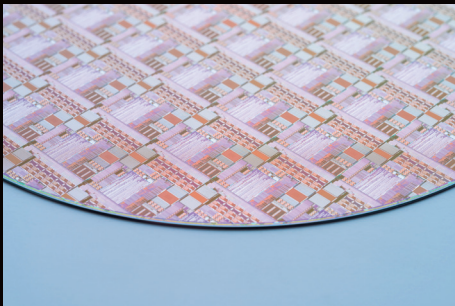


Acid copper plating additive
for ultra-micro patterning

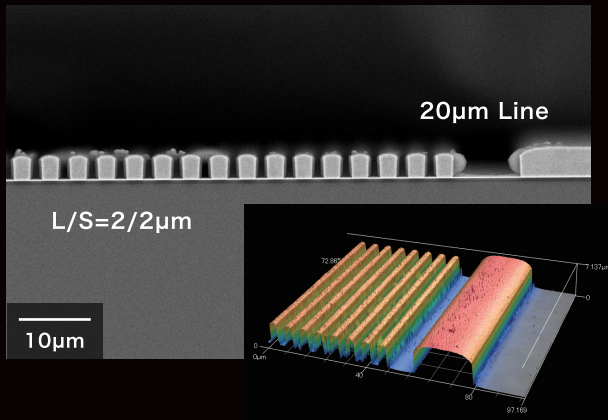
TORYZA LCN FRV

- ▶ Best for Redistribution layer (RDL) formation
- ▶ Reduce the influence by circuit design
- ▶ Uniform thickness, rectangle shape pattern is obtained

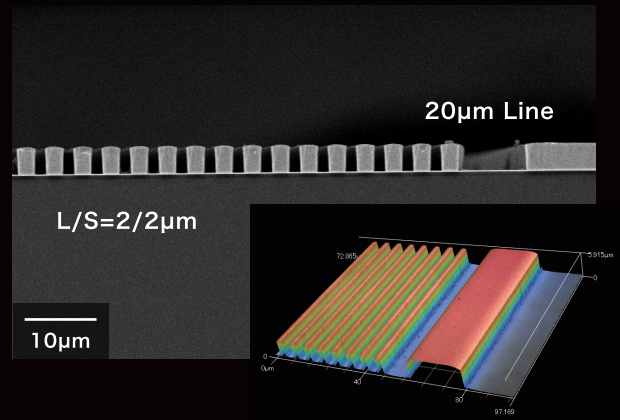


High film thickness uniformity

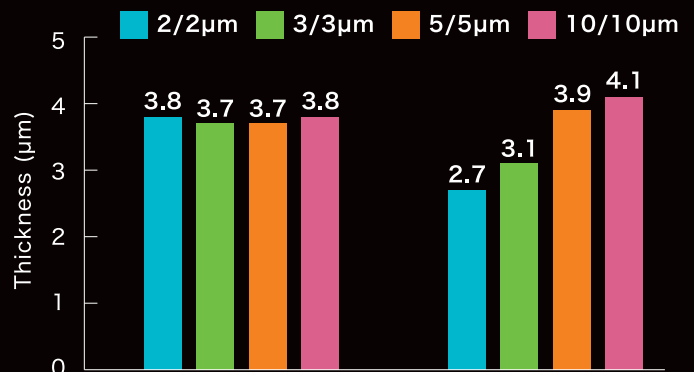
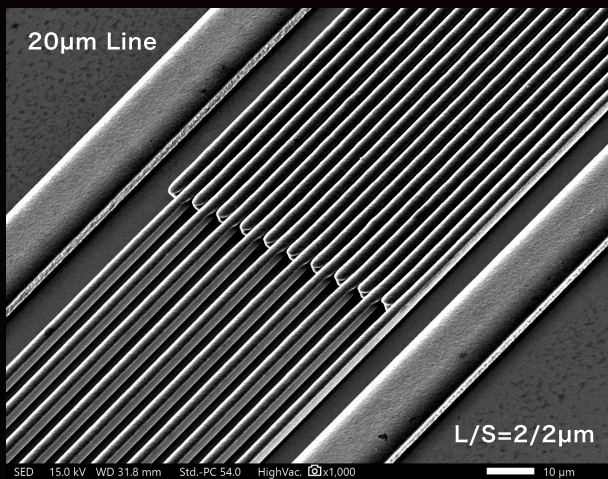
Conventional bath



TORYZA LCN FRV



Current density 3A/dm² surface thickness 4µm



TORYZA LCN FRV Conventional bath

Evaluation of film thickness uniformity in wiring design

(Current density 3A/dm²)