

### Project Management

- Short lead time for quotation of prototypes (target time max. 2 – 3 working days)
- Stock check components during quotation process
- Short communication lines - 1 contact person
- Knowledge of Design, PCBs, PCBAs (assembly and components)
- Delivery of prototype PCBAs possible from 3-5 working days.
- Standard delivery time series 15 to 20 working days

### Our team

- IPC-A-610 qualified
- Manual assembly of SMD components from 01005
- Placing and replacing micro BGA's pitch 0.3mm
- Repair and patch work

### SMD line 1

- ERSA Versaprint S1-2D stencil printer.
- 2 x Hanwha Decan S1 Speed chip mounter
- VP1000/1100 Vapor Phase (work area 600x600mm)

### SMD line 2

- ESE Semiconductor Printing Solutions ES-E2+
- 2 x Hanwha Decan S1 Speed chip mounter
  - Max. PCB size (L) 510mm x (W) 4510mm
- X-ray Glenbrook Jewelbox 100T
- VP6000/6100 Vapor Phase incl. vacuum technologie ( work area 610 x 460 mm )
- Selective Soldering machine Ersas Smartflow 2020 with Inmatec nitrogen generator

### Machines

- 3D AOI Saki 3Di-LS2-L with loader and unloader
- Router system E-flex ER6000DXL for depanelizing boards 500mm \*640mm with mouse bites
- ERSSA HR550L BGA Repair station
- 2 x Baking oven for PCBs and MSL components
- 2 x Dr. Storage climate cabinet for MSL components and PCBs.
- Kolb AQUBE-XH 731 PCBA cleaning system
- Scianscope AXC-800 III X-ray Counter incl. IPN recognition
- Essegi Incoming Material Station 2.0
- Press fit technologie

### Cooperation Services

- Wire Bonding, mainly aluminum bonding in combination with globtop
- Potting of products