

MANUFACTURING AND ASSEMBLY OF ELECTRONIC DEVICES



Contract Manufacturing



- Complete electronic & mechanical design
- PCB design service
- Electronic and electromechanical assemblies
- Wire/cable assembly
- Functional testing
- Temperature cycling
- Burn-in test
- Two surface mount manufacturing lines
- Line for manufacturing prototype

SMT ASSEMBLY

- Continuous flow SMT line
- Components QFP, QFN, CSP, 0201 to \square 55mm, fine pitch ≥ 0.4 mm
- BGA, μ BGA ≥ 0.5 mm
- RoHS & non-RoHS Services
- PTH, SMT & mixed technology, Hi-Tech assembly
- Top and bottom placement with Single & double-sided assembly
- Selective soldering of TH components
- No-Clean flux process and closed loop aqueous cleaning system
- Repair and rework including BGA & QFP
- Automated Optical Inspection

SRPS ISO 9001:2015
СЕРТИФИКАТ бр. QMS-110-2
SRPS ISO 14001:2015
СЕРТИФИКАТ бр. EMS-038-2
SRPS ISO 45001:2018
СЕРТИФИКАТ бр. OH&S-007-1
SRPS ISO/IEC 27001:2014
СЕРТИФИКАТ бр. ISMS-022-2
СОРС 9000/21
СЕРТИФИКАТ бр. QS-047-2



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Manufacturing possibilities

■ Automatic continuous flow SMT line with 70,000 chp/h capacity:

- Dual vision screen printer
- Two SMD automatic pick & place machines
- Reflow soldering processes - 7 and 9 temperature zones
- Automatic optical inspection
- Automation

■ Other manufacturing equipment:

- Automatic wave soldering, two waves
- Selective soldering of TH components
- Di water cleaning, 4 chambers
- Alcohol solvent cleaning
- Four clima chambers
- Assembled PCB rework system

■ Prototype and low volume manufacturing line:

- Semi-automatic screen printer
- Automatic pick and place components (SMD)
- Reflow soldering process with 4 temperature zones

