Capability Statement - Shenzhen Boruitong Electronics Co., Ltd.

Automotive / Medical / Industrial PCBA contract manufacturer in Shenzhen, China. IATF 16949:2016 / ISO 13485:2016 / ISO 9001:2015 certified. Founded 2018. 12 SMT lines, 2 DIP lines, 2 hand-soldering lines, 2 test lines, 1 selective conformal coating line, 2 depaneling routers.

Process Capability

Item	Capability
Min passive	01005 / 0201
Fine-pitch BGA	0.25 mm pitch, up to 2000+ balls; X-Ray verified
Max board size	680 x 480 mm
Daily throughput	20 million placements / day (12 in-line YAMAHA lines)
Printing	GKG automatic printers, automatic stencil tension & thickness check
Inspection	100% 3D SPI after printing; 3D AOI after placement; X-Ray sampling for BGA/hidden joints
DIP	Lead-free wave soldering x2; hand soldering x2; selective conformal coating (iCoat) + UV cure check
Test	FCT x2 lines, first-article tester; per customer test spec
Traceability	MES end-to-end: material / equipment / process / inspection data bound to work order
Services	SMT assembly, turnkey & consigned, DIP & box-build, conformal coating, depaneling, functional test

Quality Flow - From DFM to Shipment

DFM review -> FAI first article (customer-confirmed) -> SPI paste inspection -> AOI placement inspection -> X-Ray BGA check -> FQC final inspection -> OQC release -> Vacuum packing

Certificates: ISO 9001:2015 (HXQC 04526Q00947R002), IATF 16949:2016 (NQA T202675), ISO 13485:2016 (ACM F06726MD00058R053). Bilingual certificate pack available for download at www.boruitongpcba.com/docs.html

Contact

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