



Rapid engineering support and
electronic assembly

Established 1989



OUR CAPABILITIES

PCB TYPES

rigid • flex • rigid-flex • multilayer • RoHS compliant • control impedance • high frequency

SOURCING

turnkey • consigned • cut tape • loose reels • obsolete • domestic-only sourcing (ITAR-compliant)

ASSEMBLY AND DE-PANELIZING

SMT • through-hole • press-fit • v-score • mouse-bites • mech routing

SOLDERING

jet-paste • stencil printing • reflow • wave • programmable selective soldering • clean • no clean

REPAIRING

debug • rework • BGA re-ball • component removal and replacement

TESTING

flying probe • 5Dx-ray • AOI • SPI in-line • functional • visual • ionic contamination • temperature cycling • high potential • boundary scan

DESIGN-FOR-X SERVICES

quality • cost • availability • manufacturability • fixtures

ADD-ONS

box build • conformal coating • system integration • software programming and integration

CABLES AND HARNESSSES

internal • external • RF • shielded • un-shielded • coax • flex • twisted pair

WHY BSU

- ✓ Engineer-led: no job too large or small
- ✓ Exceptional response times
- ✓ Uncompromising on quality
- ✓ US-based, ISO and ITAR facility

GET IN TOUCH

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