**RFQ – BS-V1**

**Fab**

* Part number: **BS-V1**
* Dimensions: 26mm x 26mm
* Layers: 4
* Arrays: No
* Surface Finish: ENIG
* Material: FR4
* Solder Mask
  + Sides: Both
  + Color: Matte Black
* Silk Screen
  + Sides: Both
  + Color: White
* Controlled Dielectric: No
* Controlled Impedance: Yes
  + Layer 1 and 4
    - 50Ω ± 10% Single-Ended
    - 90Ω ± 10% Differential
* Finished Thickness: 0.8mm
* Inner Copper: 1oz
* Outer Copper: 1oz
* Board Type: Rigid
* Stackup: Standard
* Number of Holes: 137
* Minimum Hole Size: 0.152mm
* Minimum Trace: 0.178mm
* Minimum Spacing: 0.127mm
* Blind/Buried Vias: No
* Via-In-Pad: No
* Tinted Vias: Yes
* Drill Features (countersinks/counterbores): No
* Slot Features (beveled slots, castellated/controlled depth): Yes
* IPC Class: IPC 6012 Class 2
* ITAR: No

**Assembly**

* Part number: **BS-V1-ASSY**
* RoHS: Yes
* Number of Sides for Assembly: 2 Sides
* ITAR: No
* Assembly Specification: IPC-A-610 Class 2
* Clean/No-Clean: Clean
* Type of Assembly: Full Turnkey