



Reference	SP-002 PCB BOARD REQUIREMENTS
Category	QUALITY ASSURANCE
Issue Date	January 15, 2015
Issued By	Director, Quality, KC
Revision	[A]
Supersedes	NEW

Each PCB supplied in support of this purchase order shall contain the following information:

Part number label with revision level, serial number label shall be placed on each PCB Board.

The serialization shall be in the following date code format:

xx (year) xx (week) xxxx (number produced in series that week)

Example: the fifth board of any particular P/N produced in the 43rd week of 2004 shall read 04430005.

The S/N label can be placed anywhere on the board that will be visible and not obstruct assembly and can be included on the same tag as the part number and revision level if necessary.

No manual depanelization is allowed.

Boards with BGA parts shall be x-rayed on a sampling basis. The PCBs shall be x-ray inspected IAW General Inspection Level II, Single Sampling Plan for Normal Inspection, AQL level 1 per MIL-STD 105 latest revision.

Seller's materials, fabrication and test requirements for the printed wiring boards (PWBs) shall meet IPC class III industry standard requirements of the following specifications: Qualifications and Performance (IPC-6010) Series) and inspect/test/acceptability (IPC-A-600, IPC-TH-650, and IPC-QL-660). PCB assembly, soldering and workmanship to J-STD-001 and IPC-610 to the latest REV Class III.