



The IPC-9592 Conference

The industry standard for power conversion devices: *"How you can meet the requirements and why"*

Wednesday, November 5, 2008

6:00 pm – 8:00 pm Welcome reception

Thursday, November 6, 2008

- 7:30 am Pre-session Coffee
- 8:30 am Welcome and Introductions
Anthony Hilvers, Vice President, Industry Programs, IPC
Dr. Scott Strand, Program Director/Global Procurement, IBM
- 8:45 am Chapter 1: Scope and Chapter 2: Applicable Documents and Terms and Definitions for Power Supply
Tom Newton, Director of Technical Programs, IPC
- 9:15 am Chapter 3: Product Requirements Specification: *Data Sheets, Input and Output Specifications, Reliability and Warranty and Safety*
Mike Model, Technical Marketing Manager, Lineage Power
- 10:30 am Chapter 4: Design for Reliability: *Component Selection, Derating Guidelines, Design Failure Modes and Effects Analysis (DFMEA), and Moisture Sensitivity*
Dr. Scott Strand, Program Director/Global Procurement, IBM
- 11:30 am Chapter 5: Design and Qualification Testing: *Functional Verification Testing General Requirements; Design Verification Testing — AC Input Parameters, DC Input Parameters, DC Output Parameters, Protection Features, Input and Output Signals and Indicators, Other Electrical Parameters; Features and Functions; Environmental Stress Testing; Shock and Vibration; Electromagnetic Susceptibility; Power Line Disturbance Immunity; Electromagnetic Emissions; Highly Accelerated Life Test (HALT)*
Bob White, Consultant
Don Gerstle, Vice President, Design Quality, Murata Power Solutions
Dr. Bill Tian, Reliability Expert, Hewlett-Packard Co.
- 12:30 pm Networking Luncheon
- 1:30 pm Chapter 5 Continues
- 2:45 pm Chapter 6: Quality Processes: *Quality Management Systems and Sub-Tier Suppliers*
Lynn Simmons, Senior Manager, Client AC-DC Power, Dell Inc.
- 3:15 pm Chapter 7: Manufacturing Conformance Testing: *Manufacturing Conformance Tests; Early Manufacturing Conformance Test Requirements; and Final Assembly Test Requirements*
Paul Parker, Consulting Reliability Engineer, Lineage Power
Gary Gong, Component Engineering Manager, Cisco Systems
- 4:00 pm Appendix
Neil Witkowski, Technical Manager, Alcatel-Lucent
- 4:45 pm Next Steps and Adjournment