



Flexible analysis system for the static characterization of power electronic components

Keysight Technologies

B1505A Power Device Analyzer/Curve Tracer

Specifications:

- Compliant with IEC 61326-1 / EN 1326-1 and IEC61010-1 / EN 61010-1
- CE certified
- Power range: 500A/3kV
- Measurement of on-state, forward and transfer characteristics of power semiconductor devices
- Measurement of forward and reverse blocking characteristics of power semiconductor devices
- Measurement of input, output, reverse and transfer capacitances of power semiconductor devices biased up to 3kV
- Measurement of gate-charge-characteristics of e.g. Power MOSFET, IGBT for devices rated up to 500A/3kV
- Measurement of parasitics of packages and circuit carriers (PCB, ceramics)
- Integrated main processor based on Windows 7, HD drive and GUI

