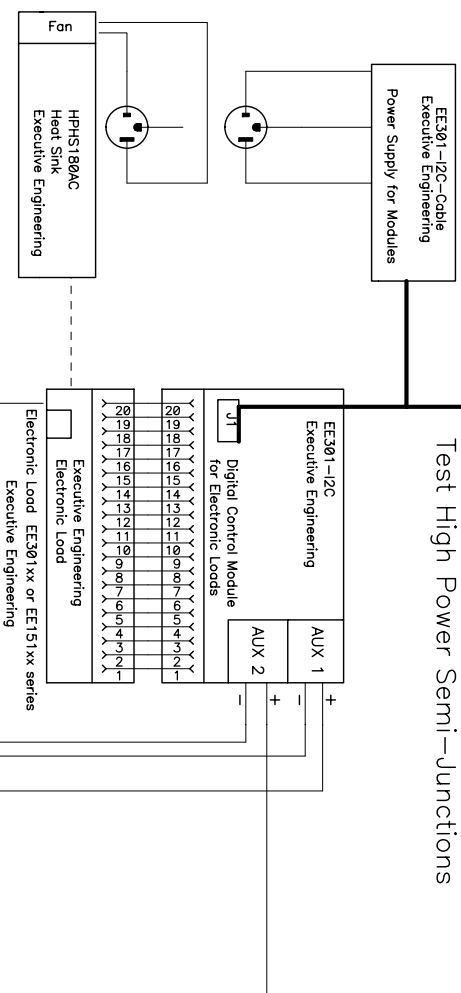
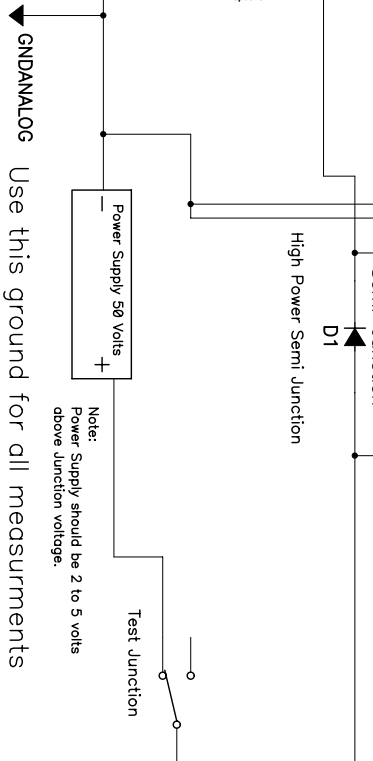
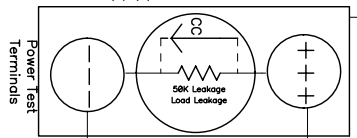
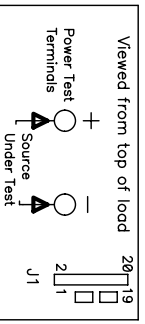


How to use an electronic load to Test High Power Semi-Junctions



Connector shown from top view. Pins shown as seen on electronic load.

Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1 - pin 2. Only the source under test should be connected to the power test terminal (+) and (-).



Use this ground for all measurements

Whats Required!

- EES-100 (Software) Windows only 98 / 2000 / XP
- EE301-12C (Digital Module)
- EE301-12C-CABLE (power & data cable)
- EE301xx or EE151xx (Electronic Load)

Optional Heat Sink (If Required) Any power dissipation above 20 watts we suggest using a high power heat sink!

Customer Supplied Equipment!

DC Power Supply
Power Supply must be able to supply full charging current to batteries.

Theory of operation.

As the diode voltage across the junction will start to increase and the voltage across the electronic load will decrease.

[Http://www.EXEC-ENG.com](http://www.EXEC-ENG.com)

Advanced Semi-Junction Testing System

Title Digital Diode-Test System

Size B Number X011-00002-0007 Rev 1

Date Filenome adv-Diode.SCH Drawn by Sheet 1 of 1