POWER SUPPLY ACTIVE LOAD NOTES

Transistor PN3568 replaced with 2N2222A Transistor 2N6125 replaced with TIP32C 5V load power transistors remain 2N3055 Auxiliary load power transistors can be 2N3773

Power transistors should be heatsink mounted.

Power transistor emitter resistors can be made from paralleled 17W resistors when forced air cooled by fan/s.

Set current pot's 4K7

2 variants of this Boschert Inc designed load have been built based upon these schematics. Resistance's associated with the current meter were selected to match the meter used.

The variac, isolating transformer and AC metering were external to the load. The primary load rheostat was not included, as its purpose was to aid faultfinding of specific Boschert power supplies.

Note the current drawn is not constant. If loading one output of a power supply increased or decreased another, the current drawn from that output would alter.

The 5V load has satisfactorily loaded 3.3V, but at slightly reduced current.

This has proven a reliable and cheap to produce active load.



