

ABSTRACT

In a switch mode power supply a voltage (VLB) developed in an isolating transformer is rectified via a first diode (54) and coupled via a feedback path to a control terminal (pin 2) of a regulator (42). The voltage is also rectified via a second diode (44) and coupled to a supply terminal (pin 7) of the regulator (42). A pair of diodes (111, 112) are coupled in series between the supply and control terminals. During normal operation, the pair of diodes are non-conductive. When, under a fault condition, the first diode is disconnected, the pair of diodes provide a redundant or alternative feedback path in a manner to prevent excessive output level of the power supply.

FIGURE 1A

This Sheet Has Been Replaced

