

SWITCHING POWER SUPPLYABSTRACT

A switching power supply has one or more transformers
5 (1,2) of which the primary and secondary windings are
respectively isolated from each other. Switching elements
(3,6) provide on-off control of DC voltage applied to the
primary winding of the or each transformer (1,2). A
current detection circuit (15) detects voltage drop caused
10 by the resistance of the secondary winding (1B,2B) of the
or each transformer (1,2), the current detection circuit
(15) outputting current detection signals proportional to
the secondary load current of the or each transformer.

Figure 1