

CONTROL CIRCUIT AND METHOD
FOR MAINTAINING HIGH EFFICIENCY
OVER BROAD CURRENT RANGES IN A
SWITCHING REGULATOR CIRCUIT

5 Abstract Of The Disclosure

A circuit and method for controlling a switching voltage regulator having (1) a switch including one or more switching transistors and (2) an output adapted to supply current at a regulated voltage
10 to a load including an output capacitor. The circuit and method generates a control signal to turn said one or more switching transistors OFF under operating conditions when the voltage at the output is capable of being maintained substantially at the regulated voltage
15 by the charge on the output capacitor. Such a circuit and method increases the efficiency of the regulator circuit particularly at low average current levels.

This Sheet Has Been Replaced

