Hysteretic Switching Power Supply

5V @ (2.5 Amps)

Zener knee at 28-32V for 1 mA of current
14 Amps @ 42V

Vout = 1.24V \times \left( \frac{20K}{R_{bot}} + 1 \right)

7 uA shutdown
300 nA quiescent
35V max operating
Floating "Enable" = GND

SOIC-8 can dissipate 470 mW at 80 degrees C, with no heat sink

Technologic Systems
Date April 6, 2009
Title: TS-7390 5V Power Supply
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