

TDK 1042518

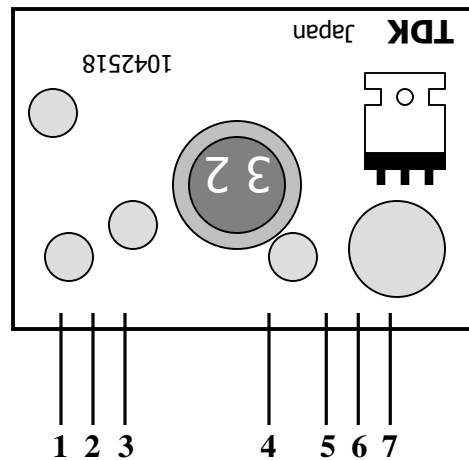
DC to DC Regulator

Input: 3v-6v

Output: +5v 250mA, -5v 70mA

Size: 2-1/16"x 1-5/16" x 3/4"

Pins	Function
1	Control – Off
2	Control – On
3	+5v DC Out
4	Ground
5	-5v DC Out
6	Ground
7	3v-6v DC In



The TDK 1042518 is ideal for portable devices that are powered by 2-4 cells or by a single Li-Ion/Li-Poly battery. It outputs a stable +5v up to 250ma and -5v up to 70mA.

To turn on the unit, apply power to pin 2. To turn unit off, disconnect power from pin 2 or ground pin 2.

The control pins can be used to create a soft switch for power. Voltage applied momentarily to pin 2 will turn on the supply, powering the circuit. The circuit can then provide voltage to pin 2 to maintain power. When the voltage is removed, the circuit is powered off.