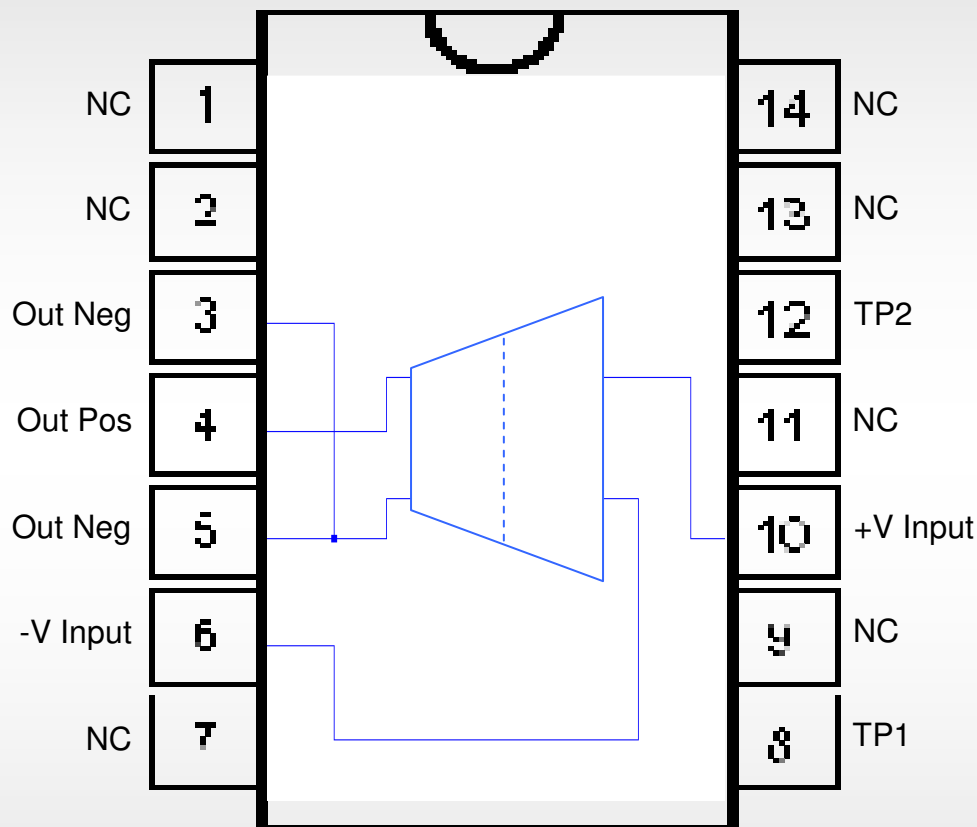


Radiation tolerant, latchup-free

# K7

## Isolated DC to DC Converter, Non-magnetic, Accepts 5 to 20V, floating or ground-referenced input



Input has no DC connection to output. To convert 28V aircraft power to +5V, first drop the 28V variable supply using a floating regulator in the range of 15 to 20V. Connect a 5.1V zener across the output, for the simplest regulation method. Output current in this condition is typically up to 5 mA.

Connect TP1 to TP2 for normal operation, or connect a resistive optocoupler between TP1 and TP2 to allow for input-side shutdown and/or burst-mode feedback.