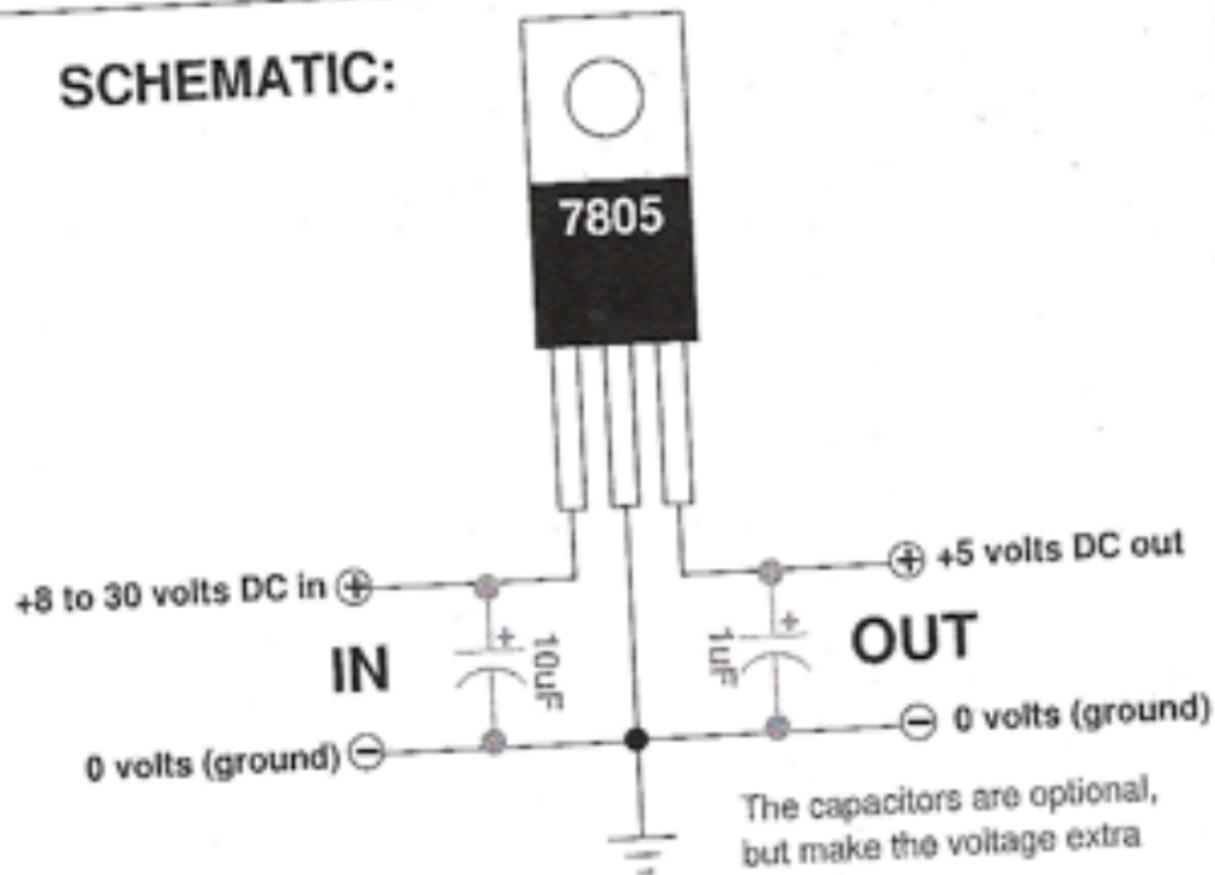


SCHEMATIC:



The capacitors are optional, but make the voltage extra smooth.