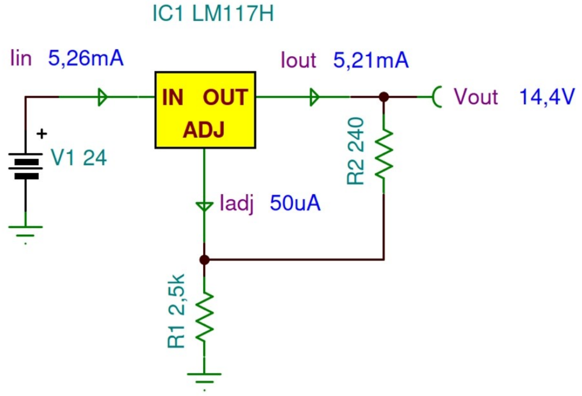
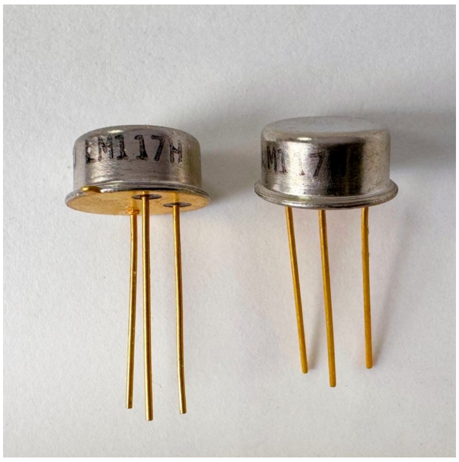
LM117H 500 mA Adjustable Regulator Macro Model

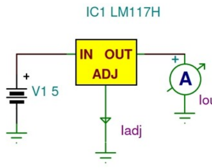
DC Operating Conditions

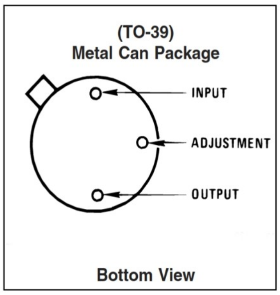


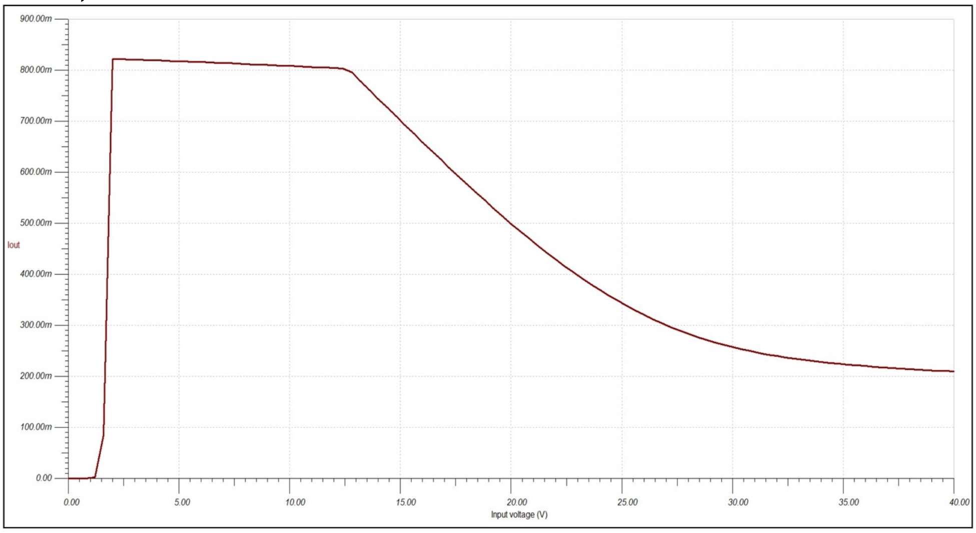


An output capacitor is not needed for stability with this device. However, in other applications, a small electrolytic capacitor (1 µF) can improve transient response. An input capacitor is only required if the regulator is located far from the rectifier filter capacitor; in such cases, a 100 nF ceramic capacitor is recommended.

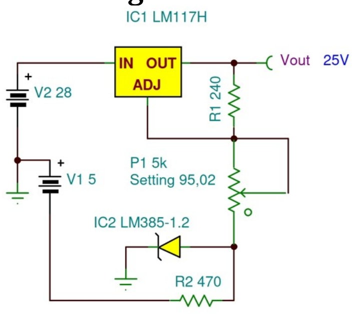
Current Limit vs (V_{IN} − V_{OUT})



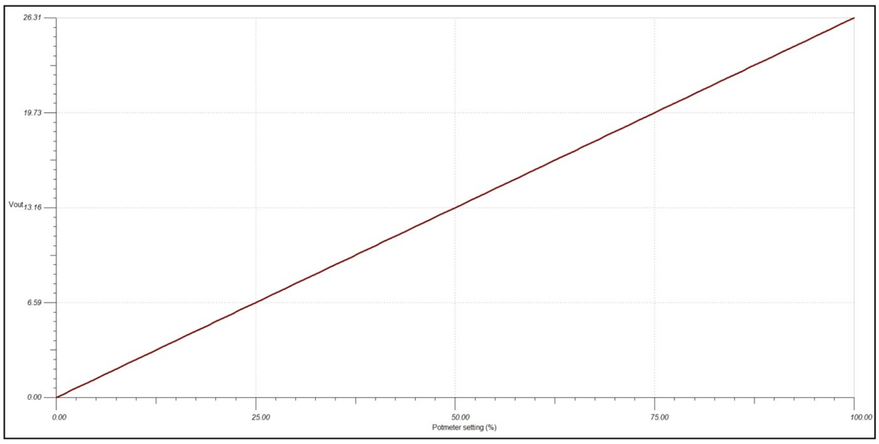




0 to 25 V Regulator



Full output current not available at high input-output voltages.



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