













MountingHole

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https://github.com/nero7991/tps5430-variable Oren's Lab

Sheet: /

File: TPS5430 kicad_sch

Title: toc5/30-variable

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JLCPCB Extended Parts: * Polyfuse * Power Inductor * Screw Terminal

 $V_{in} = 5.5V..36V$ Vin = 5.5V..36V Vin,min = 1.15*Vout Vin,max = 8.33*(Vout + 0.5) Vout = 1V8/3V3/5V/12V (fixed) Vout,adjust = 1.24V..32.4V (variable) lout = 3A f = 500kHz Vout_ripple = max. 15mV