



NOTES:

If regulators are not needed/used, do not install the associated components such as C7, R23, R24, R25, and D33 for the LM317, and C10, R26, R27, R28, and D35 for the LM337.

Solder a jumper between the IN and OUT pins respectively in place of the unused regulator, pins 2 and 3 in each case.

The LEDs and respective current limiting resistor only need to be installed if the circuit load is insufficient for the respective regulator.

See the LM317 and LM337 data sheet for minimum load specifications.

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SP_Phaser_1.1

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