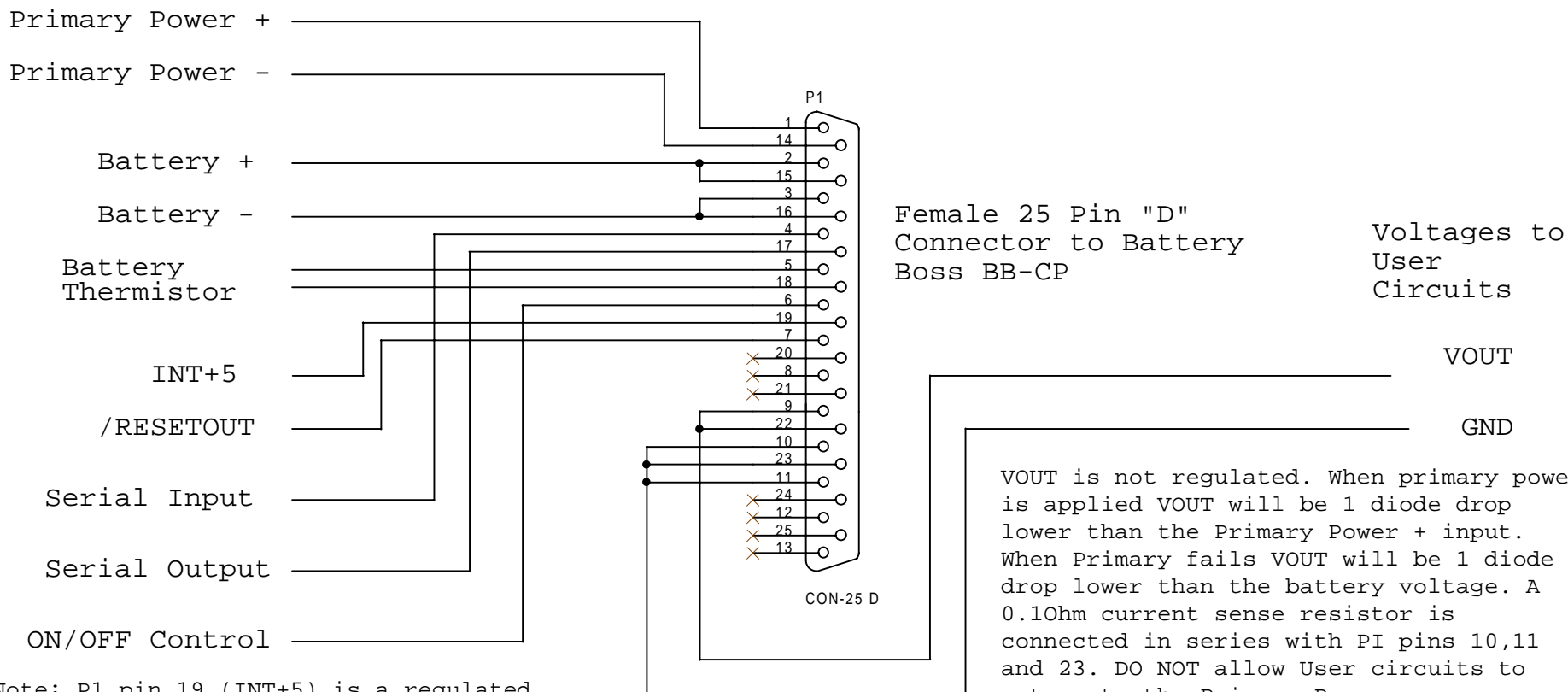


User Connections for BB-CP

(Version of Battery Boss with Smart Charger Only - No DC DC Converter)



Note: P1 pin 19 (INT+5) is a regulated +5 output which can provide 20ma max. This power will be taken from the Primary Power Input or the Battery, whichever is greater.

Note: P1 pin 7 (/RESETOUT) is a logic output. /RESETOUT goes low whenever the voltage on P1 pin 19 is less than 4.35 volts. This circuit should be connected only to CMOS loads.

VOUT is not regulated. When primary power is applied VOUT will be 1 diode drop lower than the Primary Power + input. When Primary fails VOUT will be 1 diode drop lower than the battery voltage. A 0.1ohm current sense resistor is connected in series with PI pins 10,11 and 23. DO NOT allow User circuits to return to the Primary Power - or any other point. This would bypass current limit circuits and risk serious damage.

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