

A TI-style Launchpad with RP2040 MCU
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ISS Intelligent Sensor Solutions

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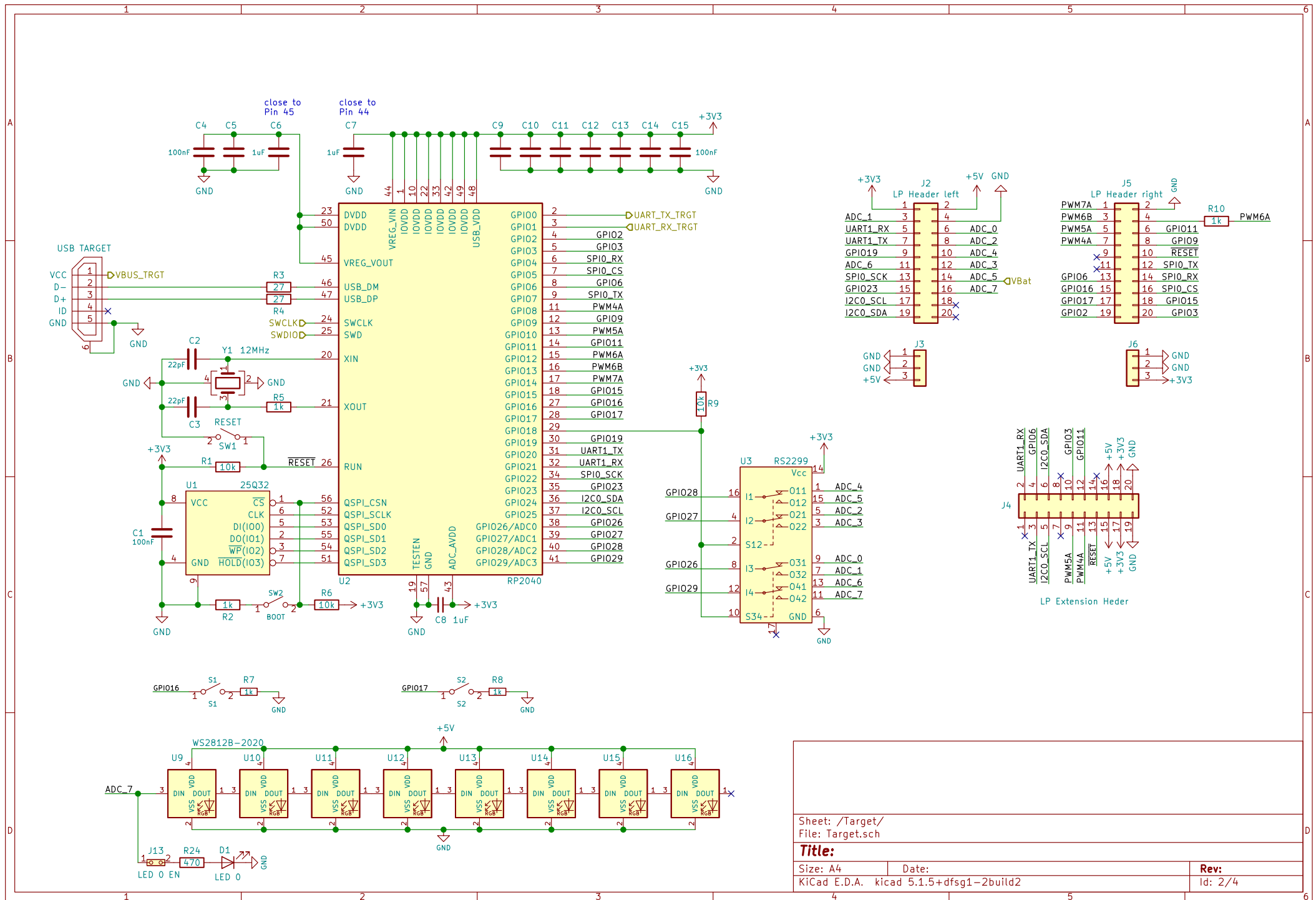
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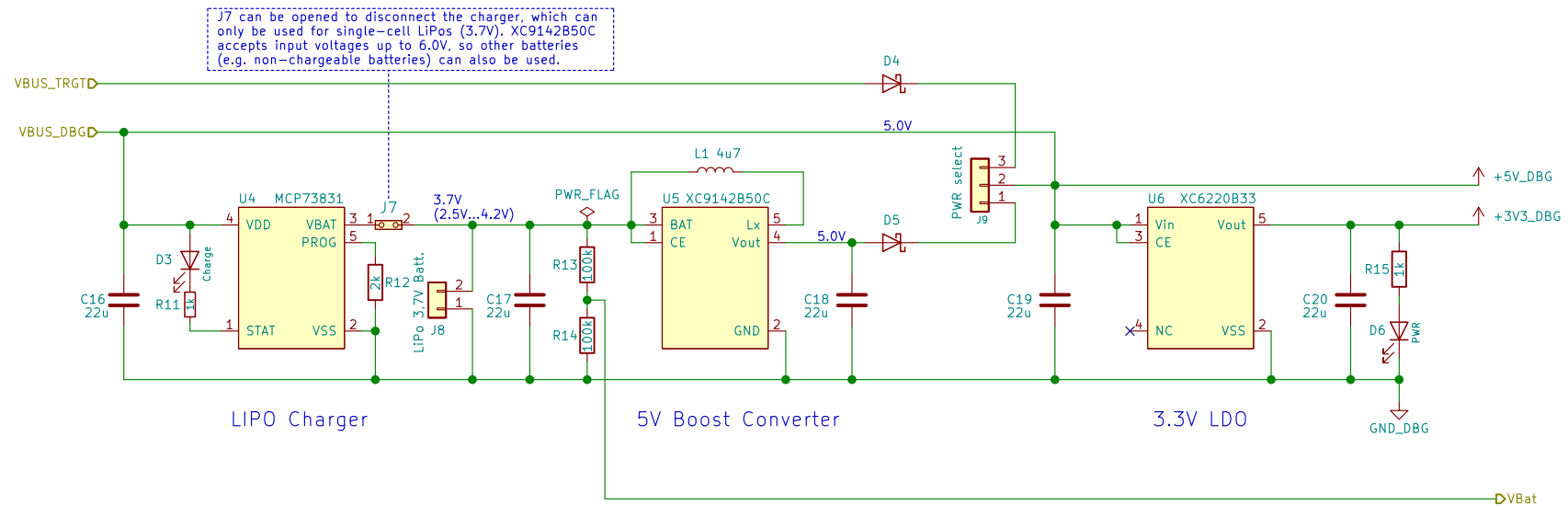
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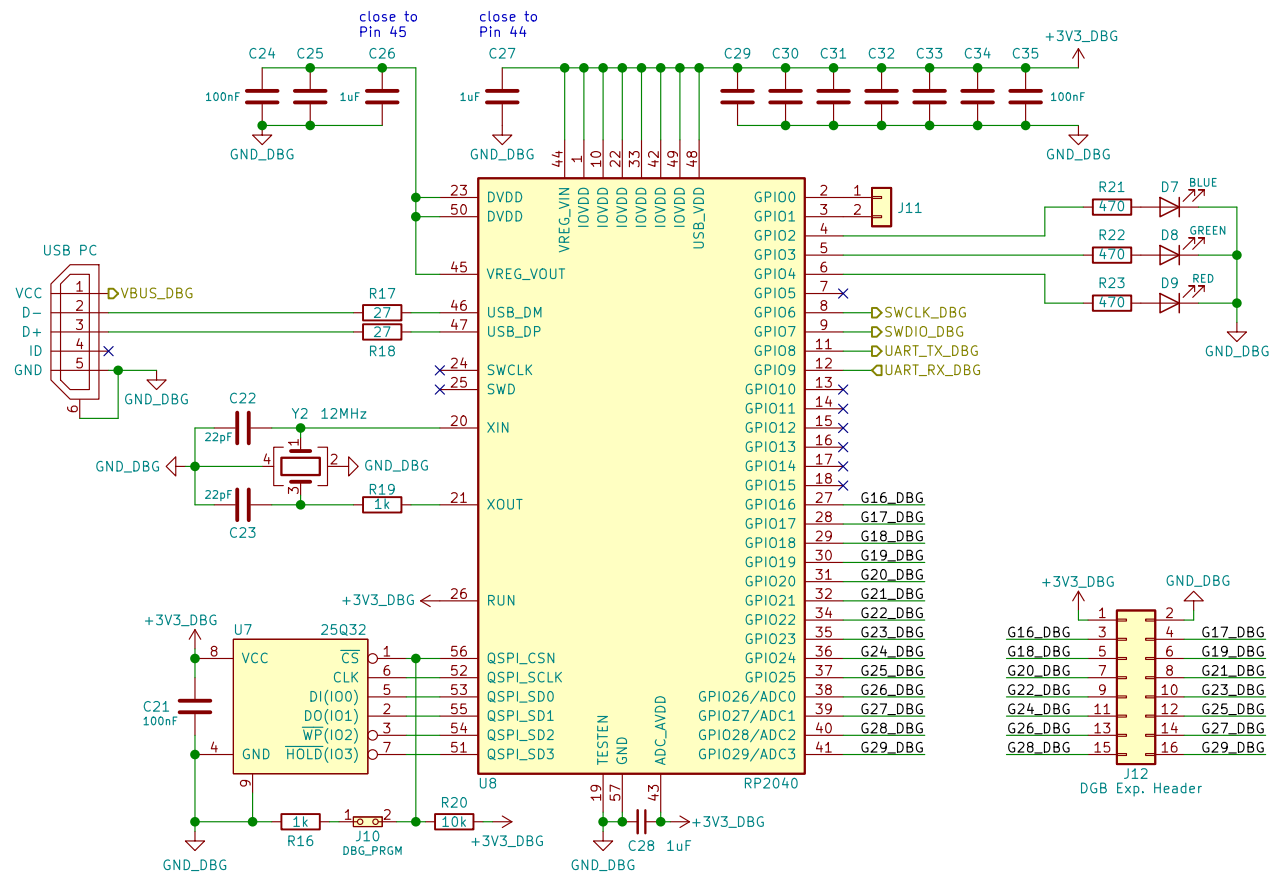




J7 can be opened to disconnect the charger, which can only be used for single-cell LiPos (3.7V). XC9142B50C accepts input voltages up to 6.0V, so other batteries (e.g. non-chargeable batteries) can also be used.

VBat ist half the battery voltage, which can be measured by an ADC with 3.3V reference. The battery voltage for a single-cell LiPo can be as high as 4.2V. With other batteries, the voltage can be up to 6V!

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