

danjuliodesigns, LLC

TITLE: gCore

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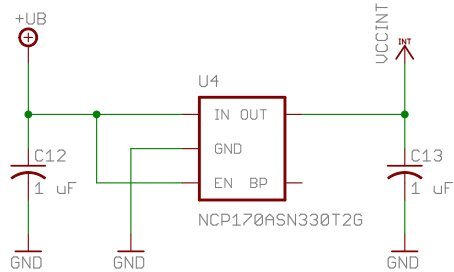
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MCP73871 Configuration:
- UPCC set for ~4.5V
- PROG1 set for 500 mA Default
- SEL high for > 500 mA

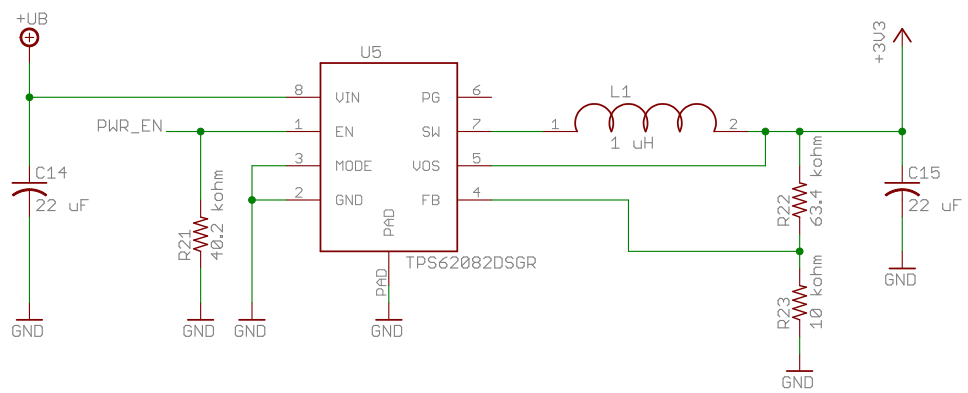
- Safety Timer disabled when 3V3 enabled
- PROG2 high for 500 mA USB
- Add parallel R12 to increase

- PROG2 high for 500 mA USB
- PROG3 set to 66.7 mA term

Auxiliary (always on) 3.3V supply

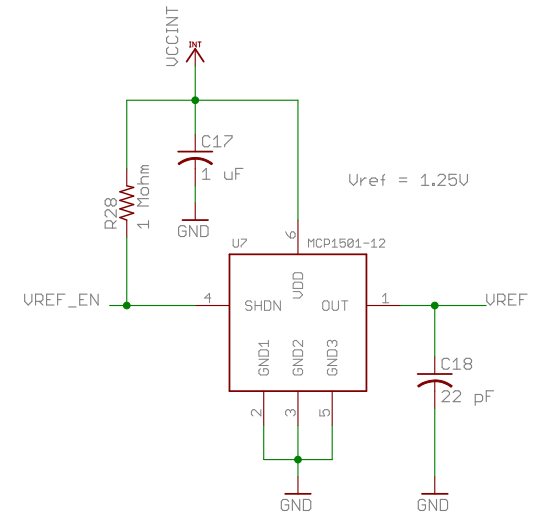
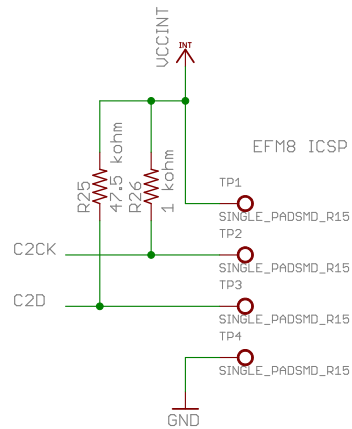
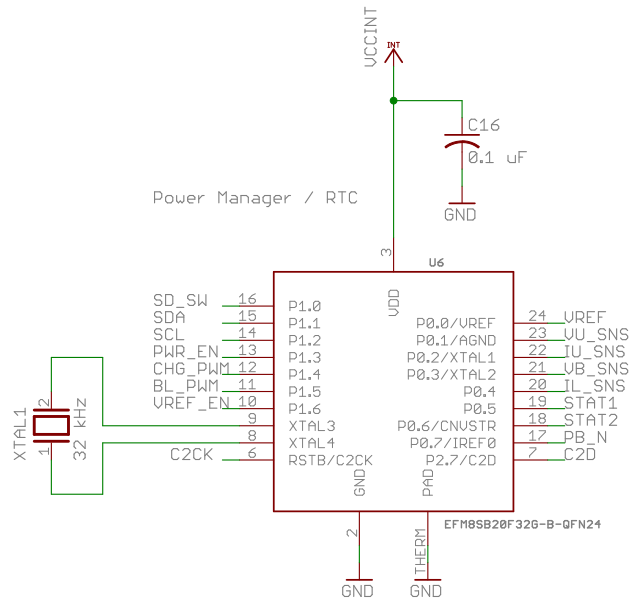


Main 3.3V supply

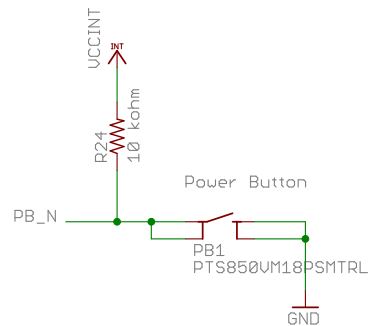
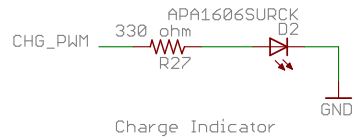


R22/R23 only needed for TPS62080

Power Manager / RTC



Vref = 1.25V



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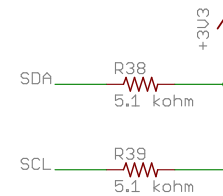
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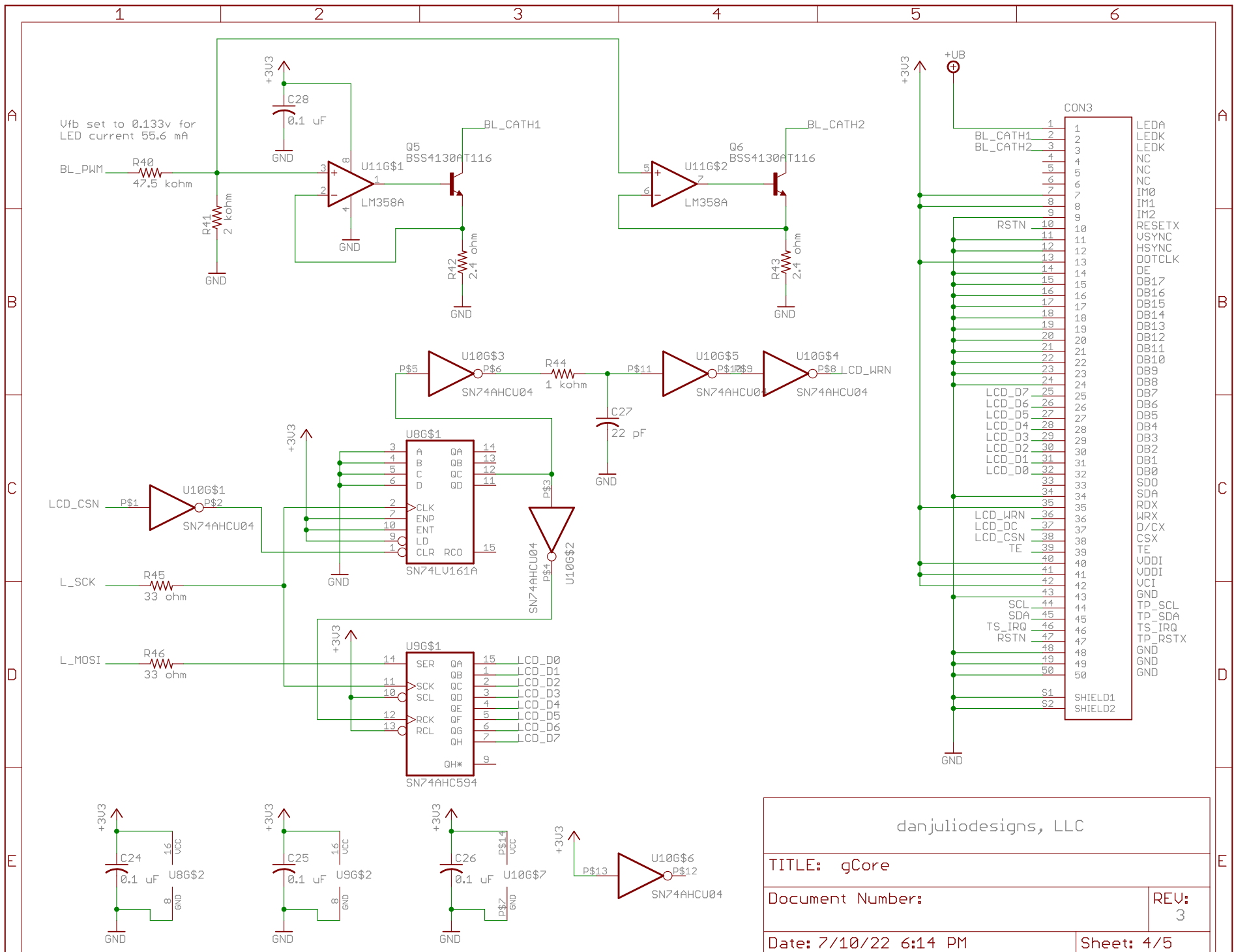
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