

**Southern Methodist Univ**

Sheet: /

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**Title: Sapphire Mini**

Size: USLetter

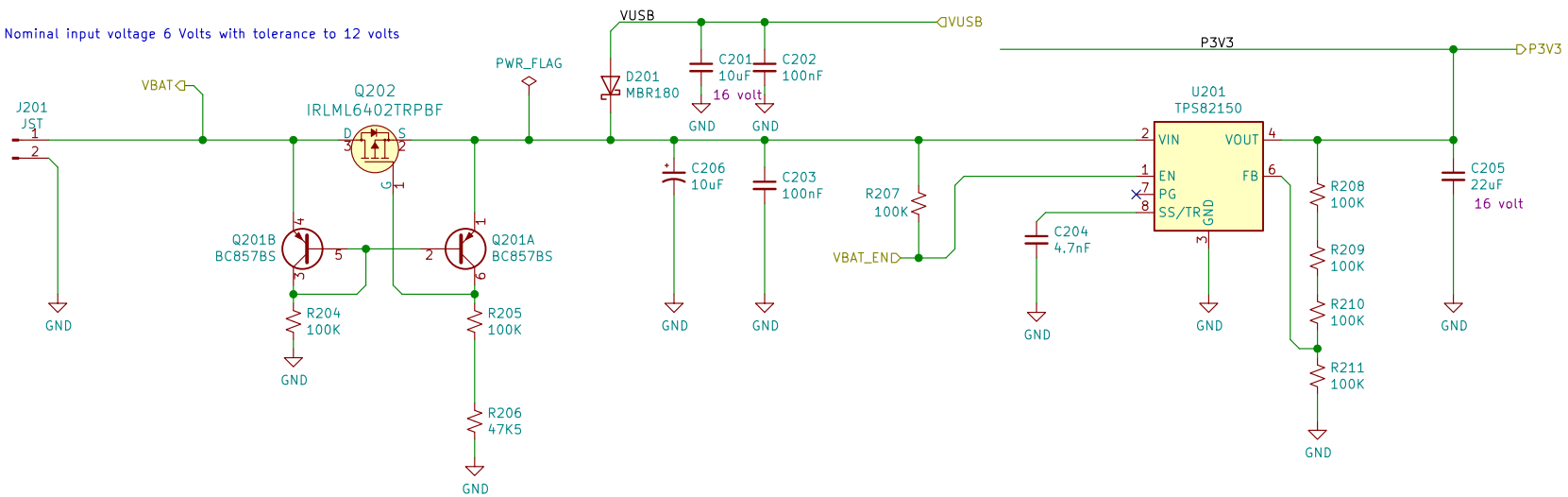
Date:

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**Rev:**

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Nominal input voltage 6 Volts with tolerance to 12 volts



Feedback divider made of 100K resistors to minimize the number of different values for pick n place. Also lets us use house parts.

Multiple 50/100K resistors used to minimize number of different values needed

Calculated value for R208-R210 is 309K for a 3.3Volt output

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Sheet: /SapphireMini\_Power/

File: SapphireMini\_Pwr.sch

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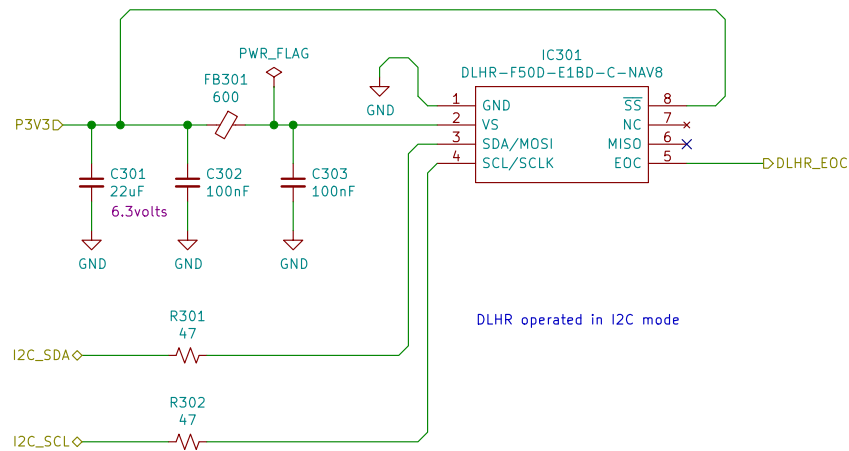
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Date:

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Sheet: /SapphireMini\_DLHR/  
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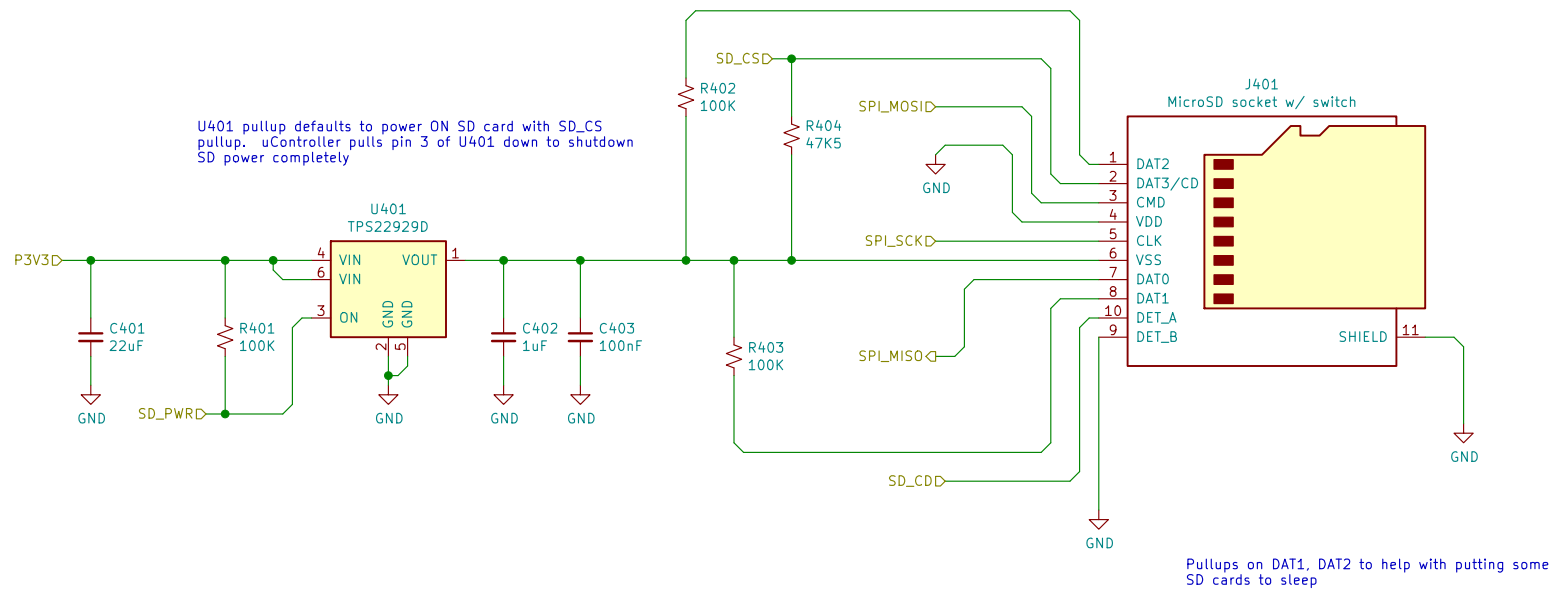
**Title: Sapphire Mini**

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Sheet: /SapphireMini\_SD/

File: SapphireMini\_SD.sch

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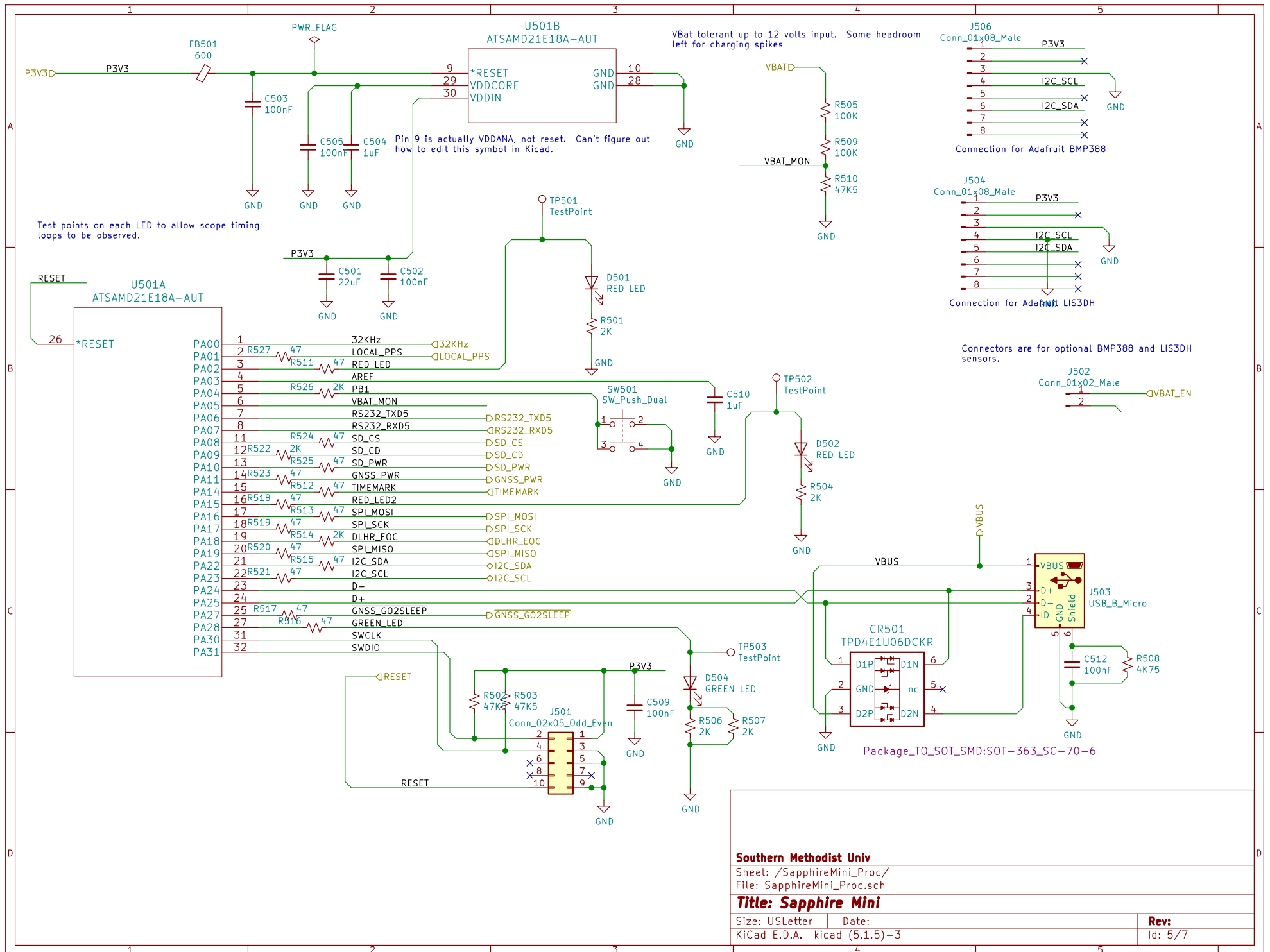
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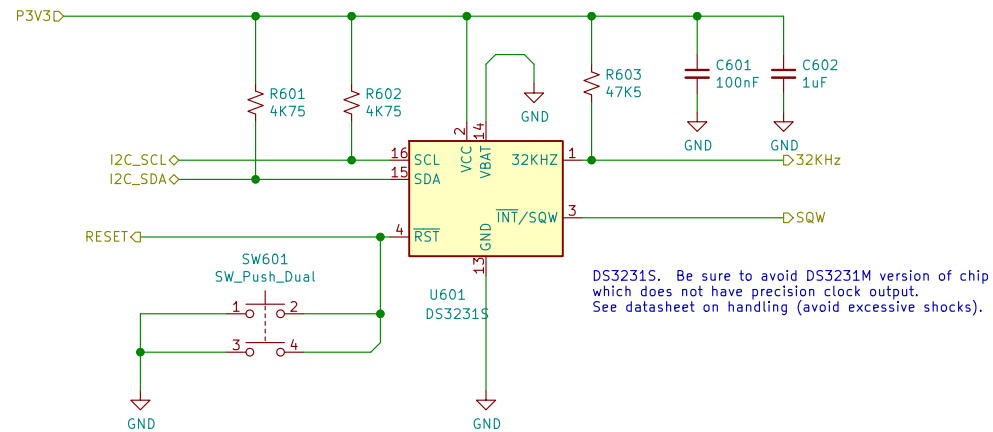
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**Rev:**

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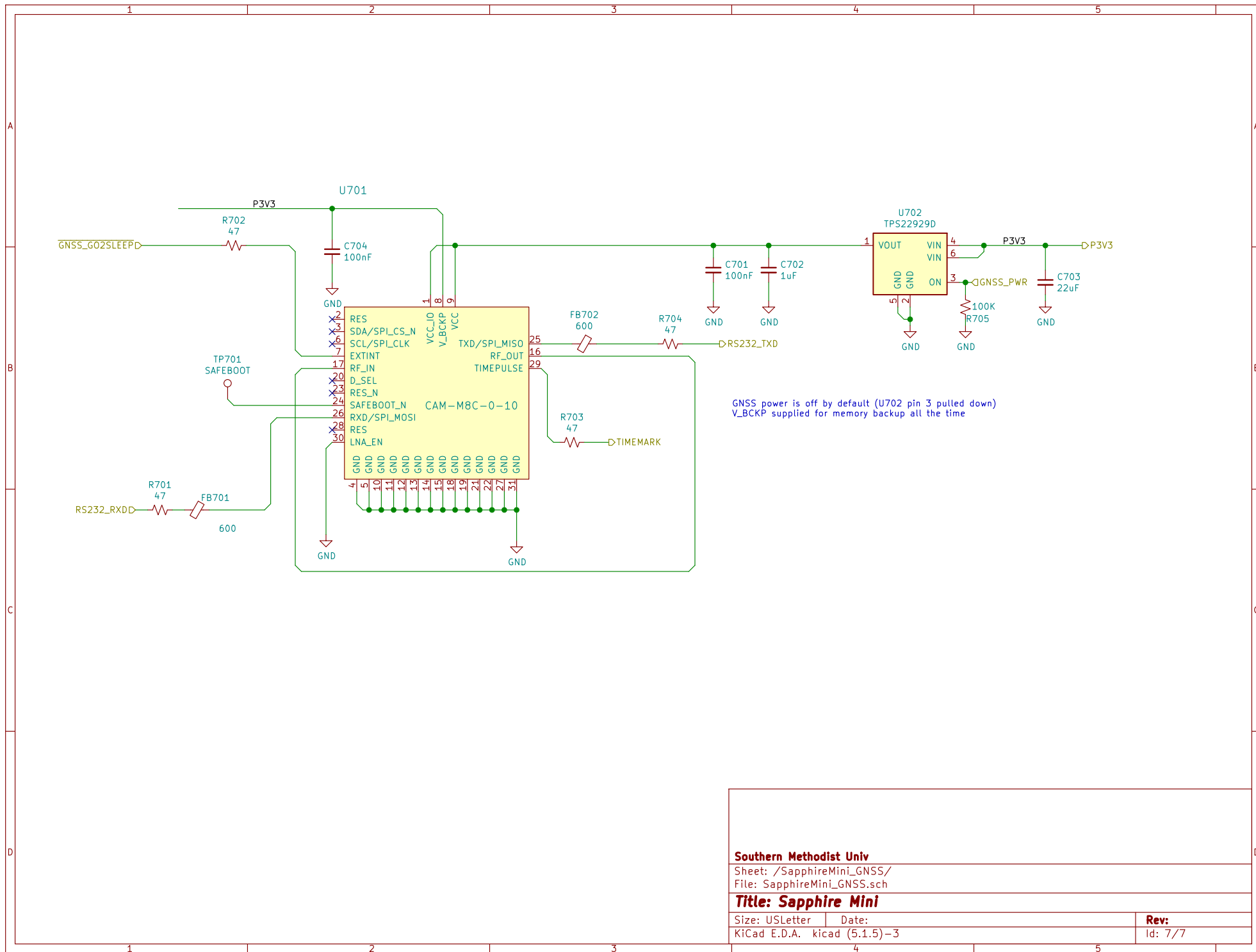
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File: SapphireMini\_DS3231.sch

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Sheet: /SapphireMini\_GNSS/

File: SapphireMini\_GNSS.sch

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**Rev:**

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