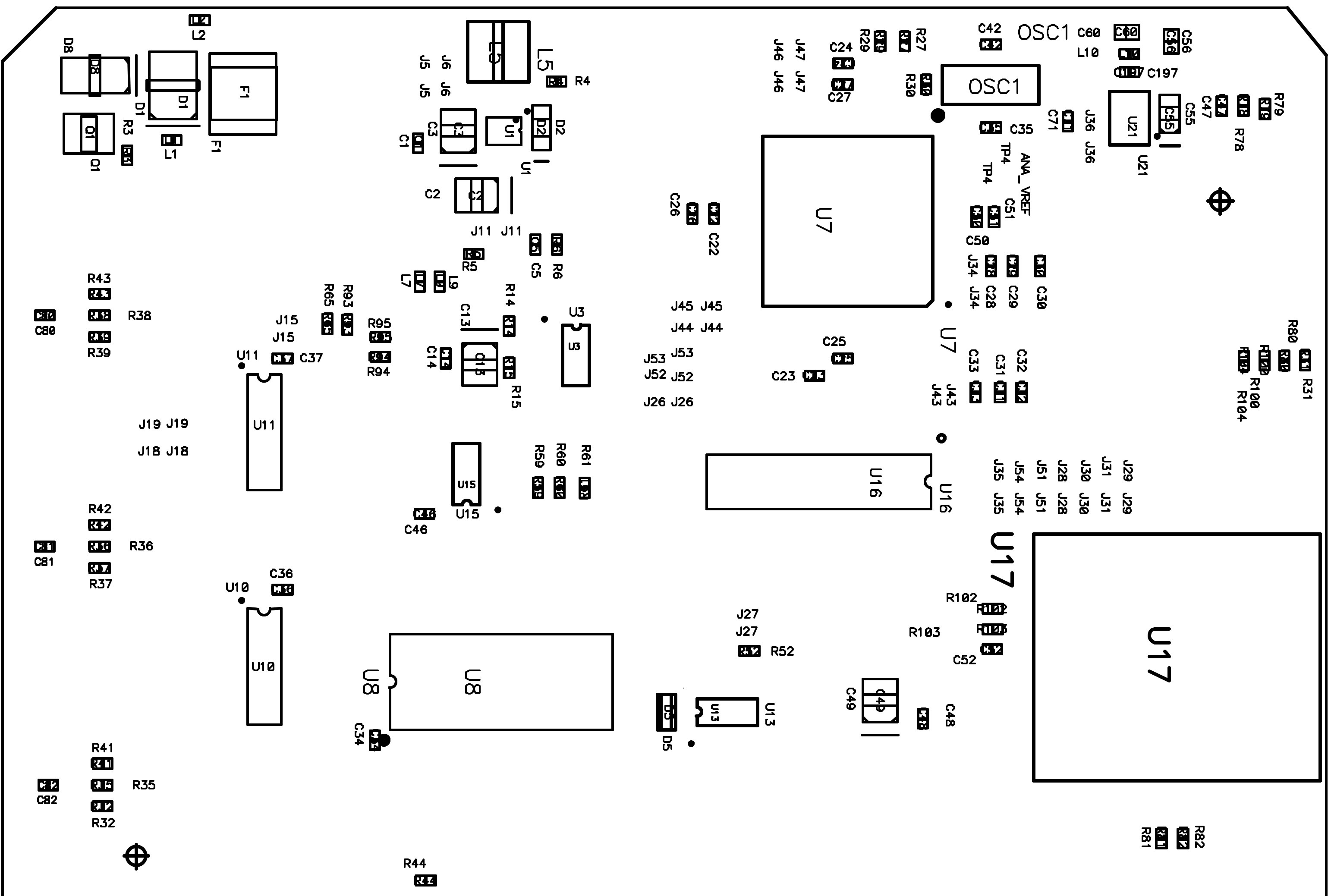
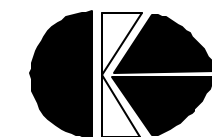
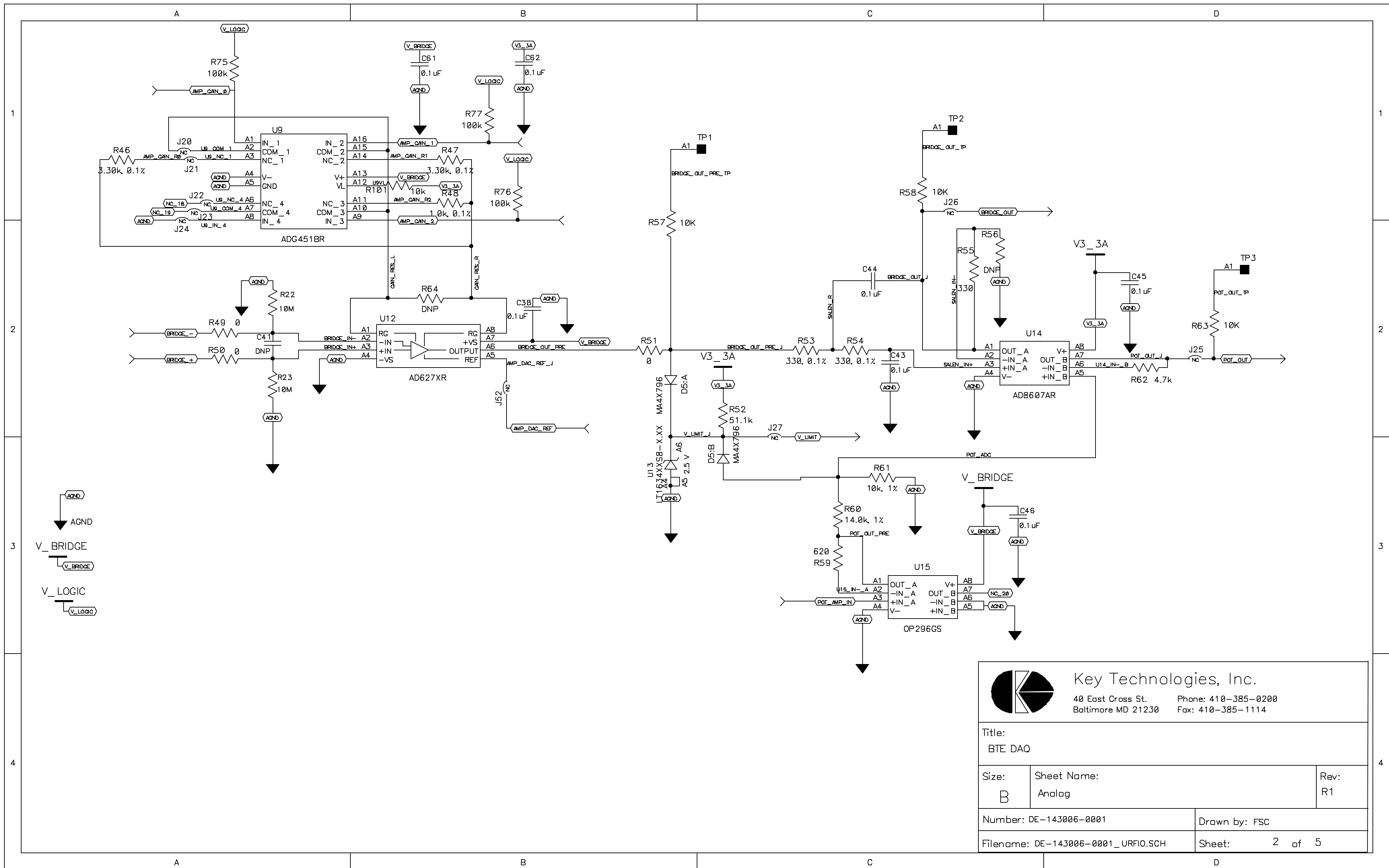


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B22.1000-200341

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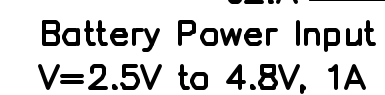
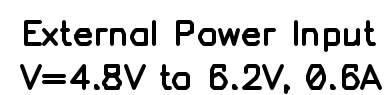
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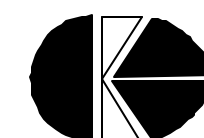
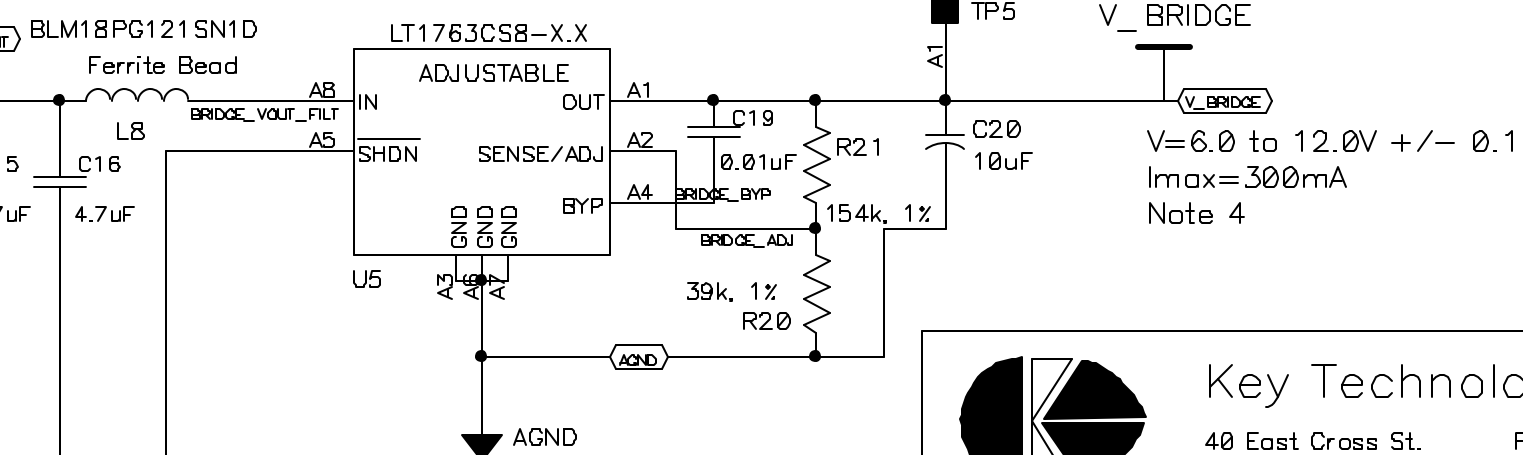
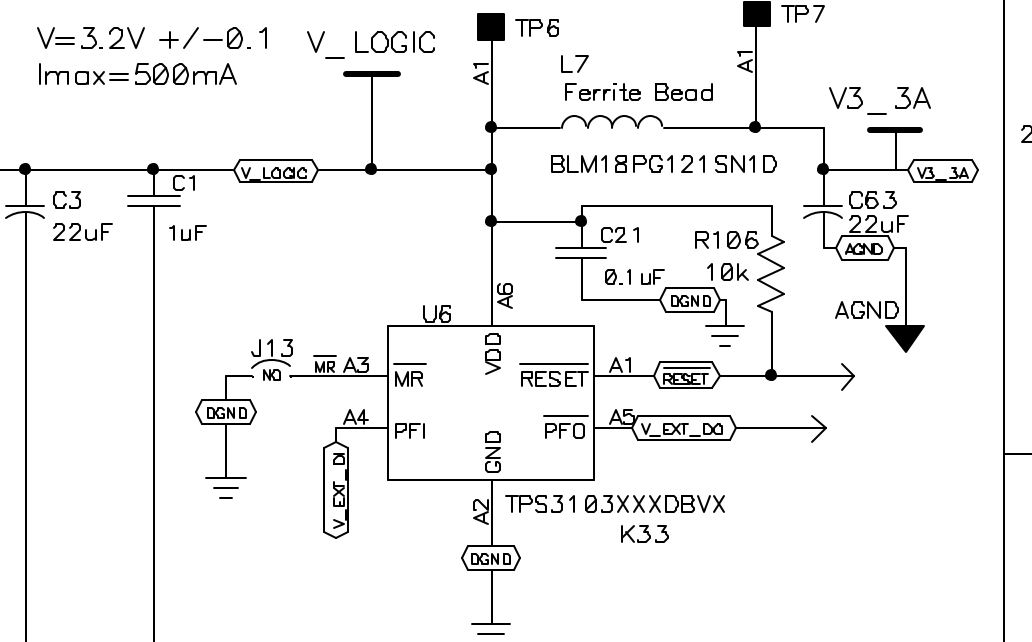
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Filename: DE-143006-0001_URF10.SCH	Sheet: 2 of 5



- 1 Connect digital and analog grounds at U5
- 2 Follow layout guidelines on page 10 of the datasheet.
- 3 Follow layout guidelines on page 7 of the datasheet.
- 4 V_{Bridge} can be adjusted from 6 to 12V. Care must be taken to change the values of the following components when the voltage is changed:
R17, R18, R20, R21, R32, R33, R37, R39 and R60.



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BTE DAQ

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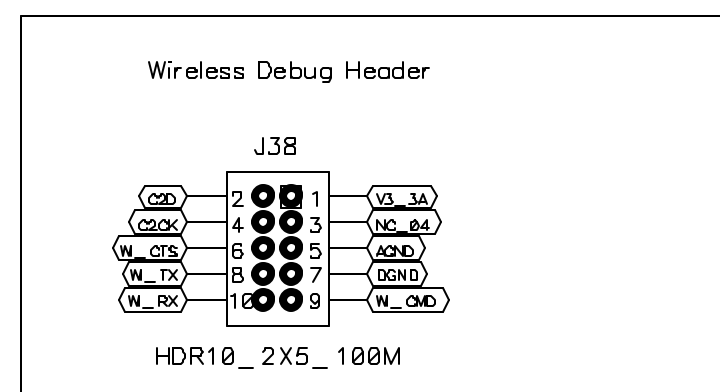
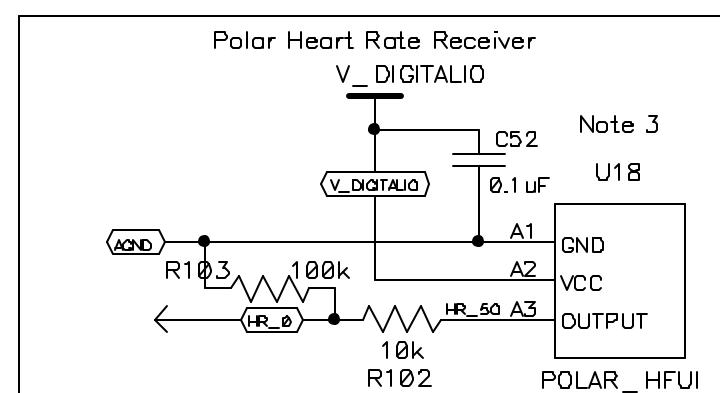
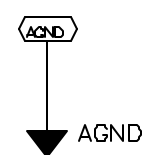
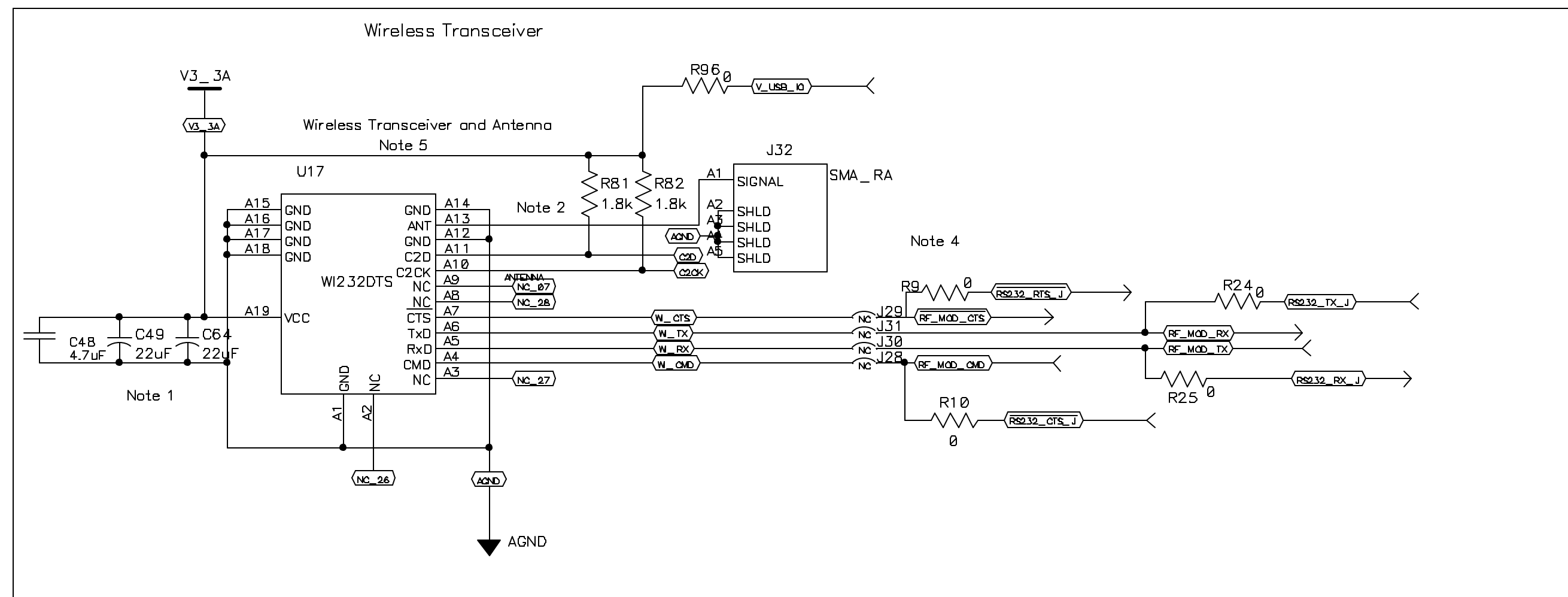
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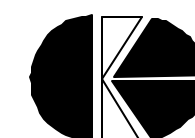
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Sheet: 1 of 5



Note Table

- 1 Decoupling capacitors for wireless transceiver. Place as close to the transceiver as possible. Bring VCC leads out to capacitors before flashing to the power plane.
- 2 Antenna should be as close to module as possible.
- 3 Polar receiver coil should be oriented parallel to the transmitting coil and away from switching power supplies.
- 4 Populate R9, R10, R24, R25 and R96 with 0 ohm for Hub units and do not populate R9, R10, R24, R25 and R96 for other units
- 5 Antenna trace impedance should be 50ohms



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