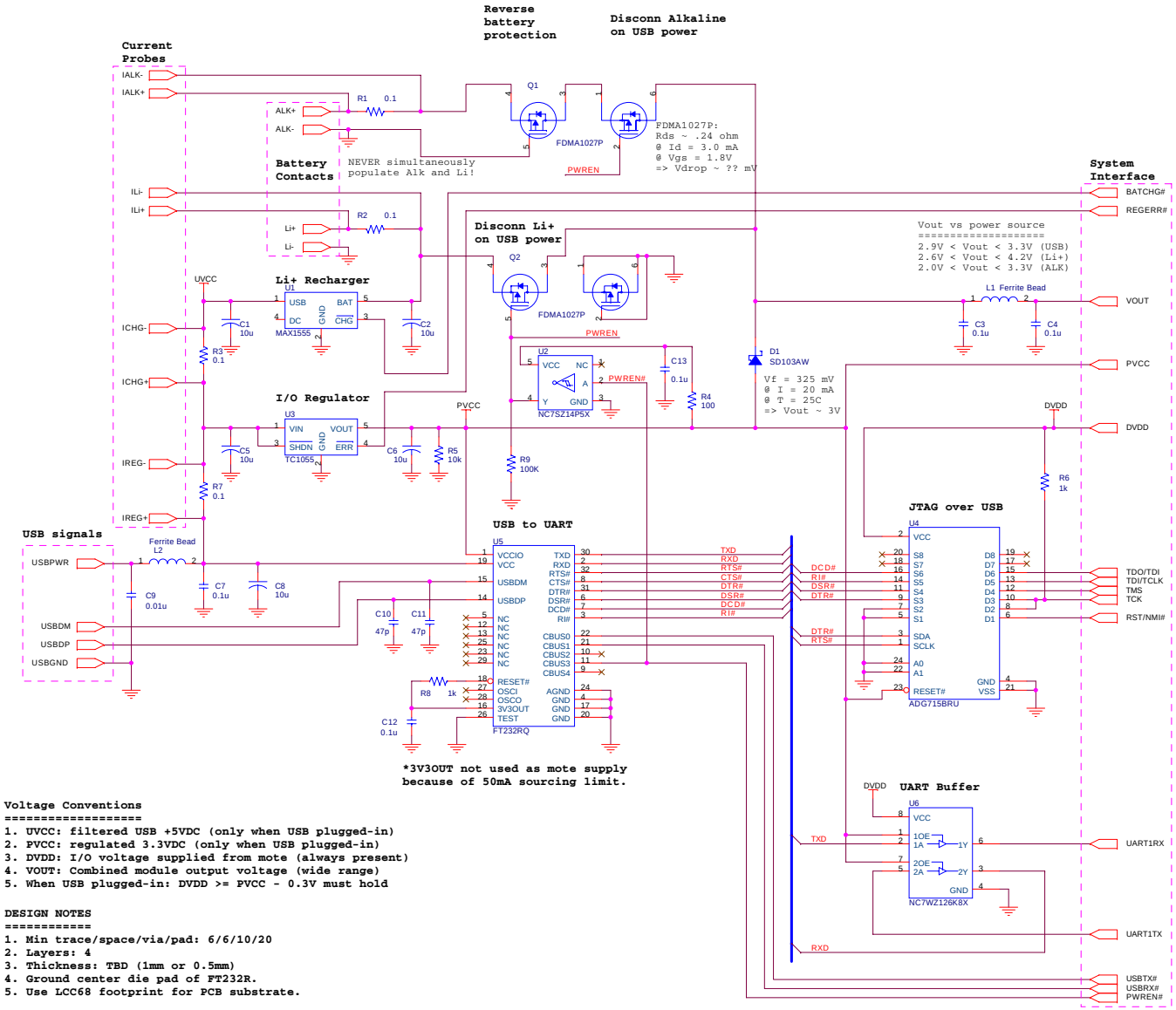

Voltage Conventions

1. UVCC: filtered USB +5VDC (only when USB plugged-in)
2. PVCC: regulated 3.3VDC (only when USB plugged-in)
3. DVDD: I/O voltage supplied from mote (always present)
4. VOUT: Combined module output voltage (wide range)
5. When USB plugged-in: DVDD >= PVCC - 0.3V must hold

DESIGN NOTES

1. Min trace/space/via/pad: 6/6/10/20
2. Layers: 4
3. Thickness: TBD (1mm or 0.5mm)
4. Ground center die pad of FT232R.
5. Use LCC68 footprint for PCB substrate.

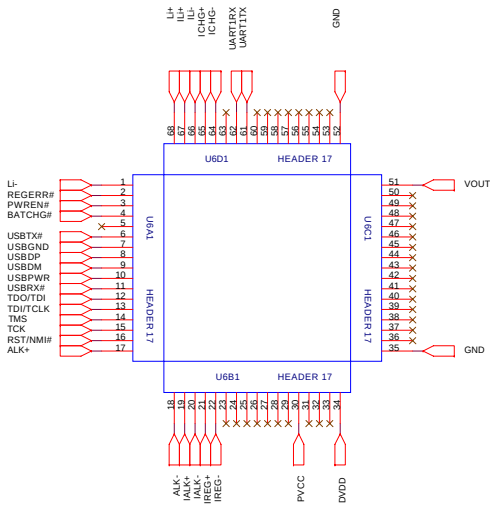

Figure 1: System I/O map.

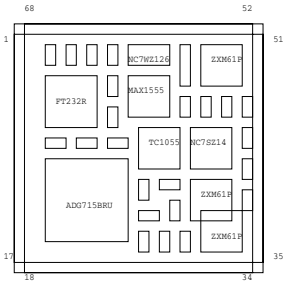

Figure 2: Possible system PCB floorplan (sanity check)

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