0.2-0.4V deep total over expected operating range
Constrain VMCU to 2.4V - 4.0V

0R NTC thermostat on battery
Lay out next to battery header

0.2-0.6V drop total over expected operating range
Constrains VMCU to 2.4V - 4.0V

Target is 50uA-100uA typ average runtime current
Peak current is ~40 mA
With a 500mAh battery, device should last over 6 months just recording data

This unused path is limited to 100mA charging

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Viewed from ventral side
mech guides on this layer are for BOTTOM side of board!