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Electronics Team

Electronics primary requirements:

* 5-axis stepper motor control (X,Y,Z, Extruder A, Extruder B)
* Microstepping (1/4 or better)
* Power handling (run at low temperature)
* Opto endstop / microswitch
* 3 temperature controllers (Extruder A, Extruder B, print bed)
  + Thermistor / thermocouple / RTD feedback
  + High-current heating element
* Low cost
* Use a standard power source
* USB connection

Additional desired properties:

* Convenient connectors (Molex, etc)
* Microstepping (1/8 or better)
* Encoder positioning feedback