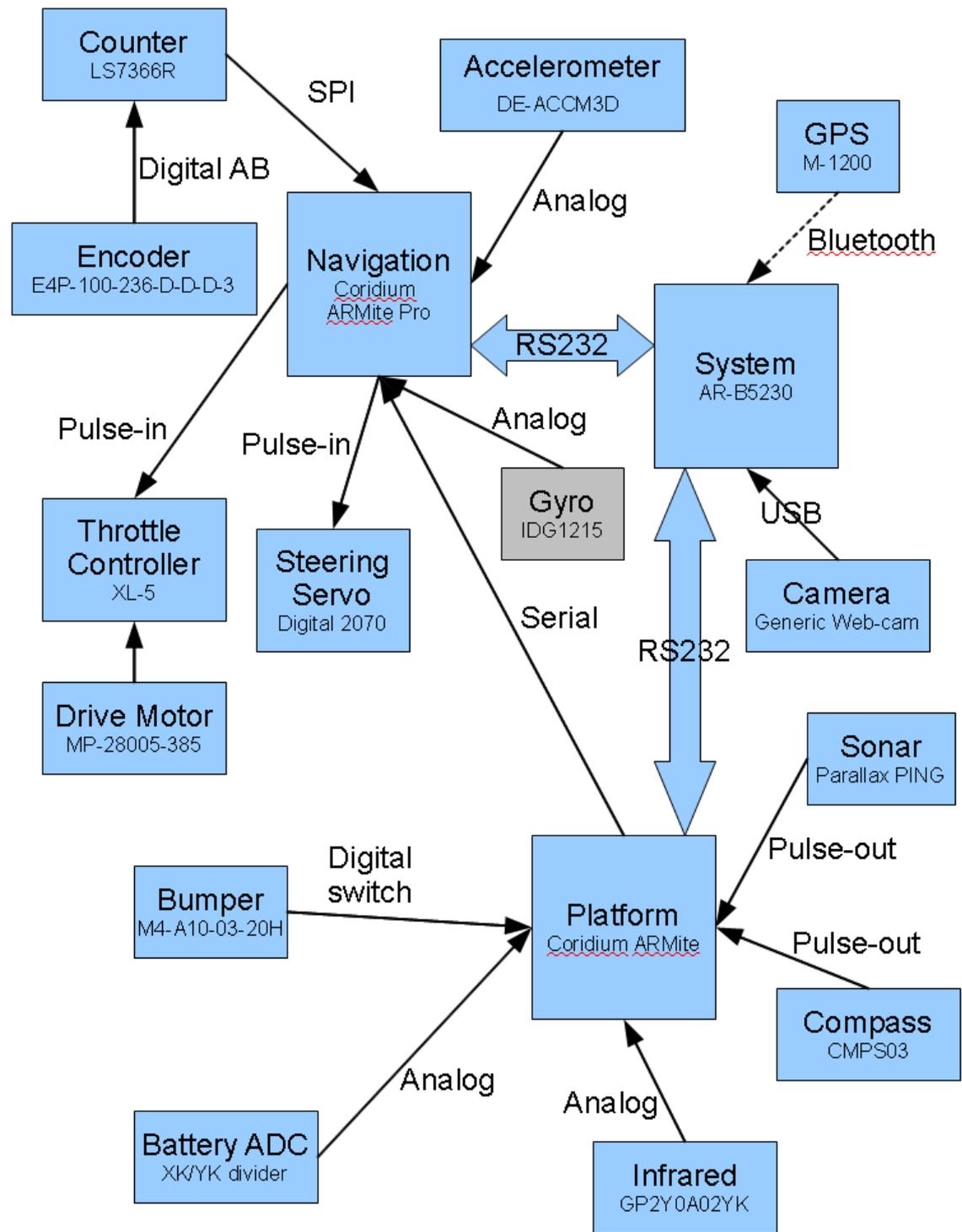
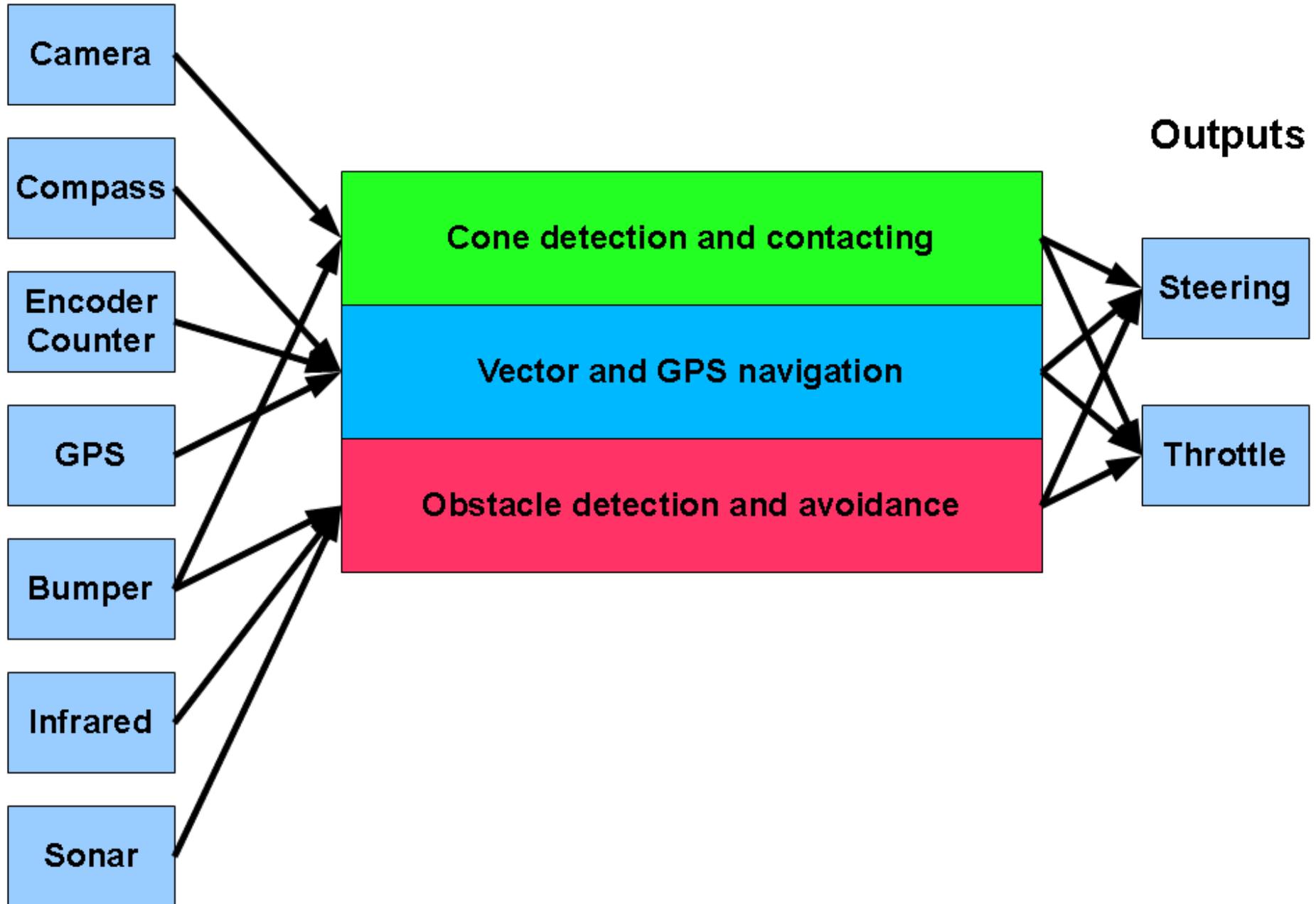


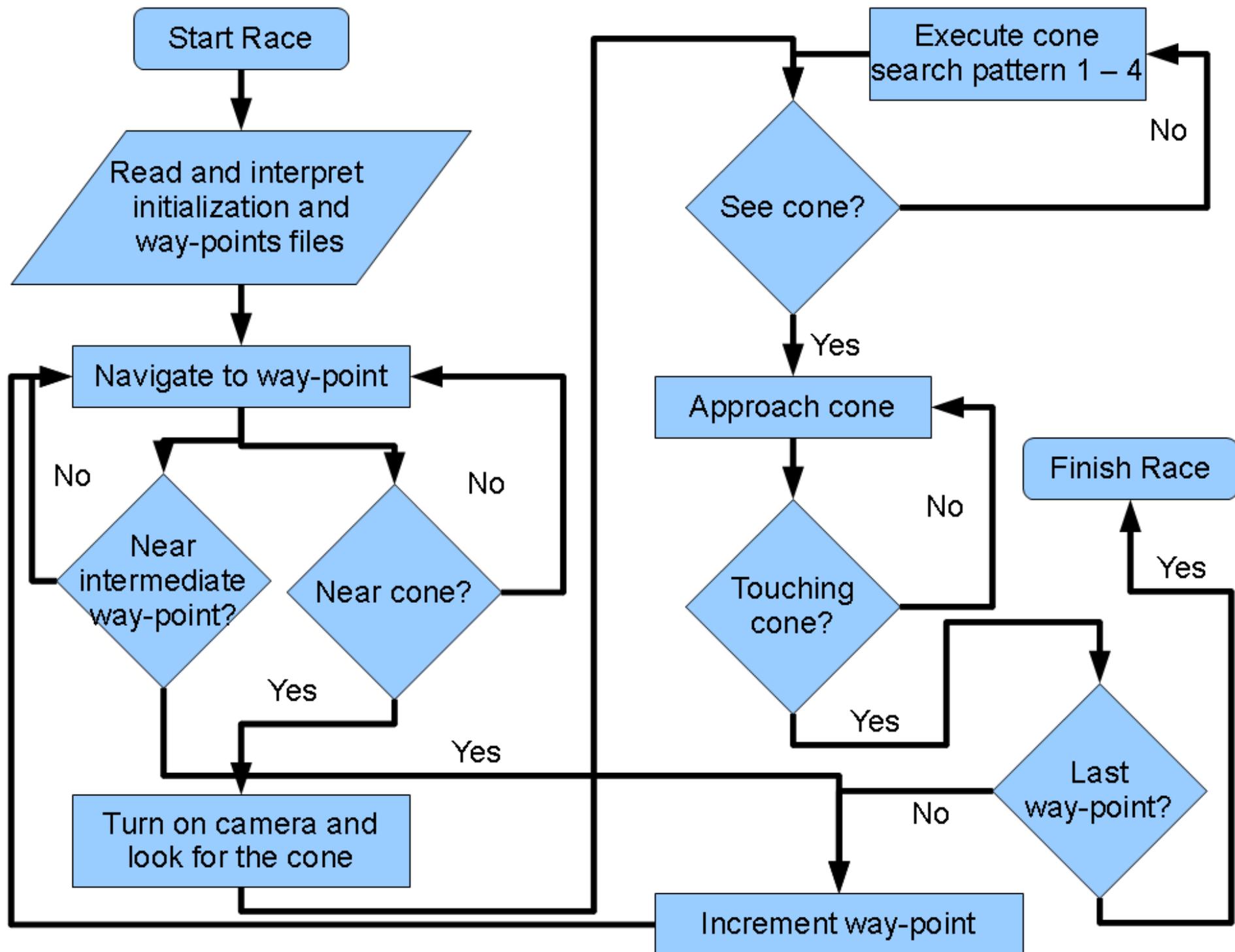
Turn - Yellow
Sensor - Green

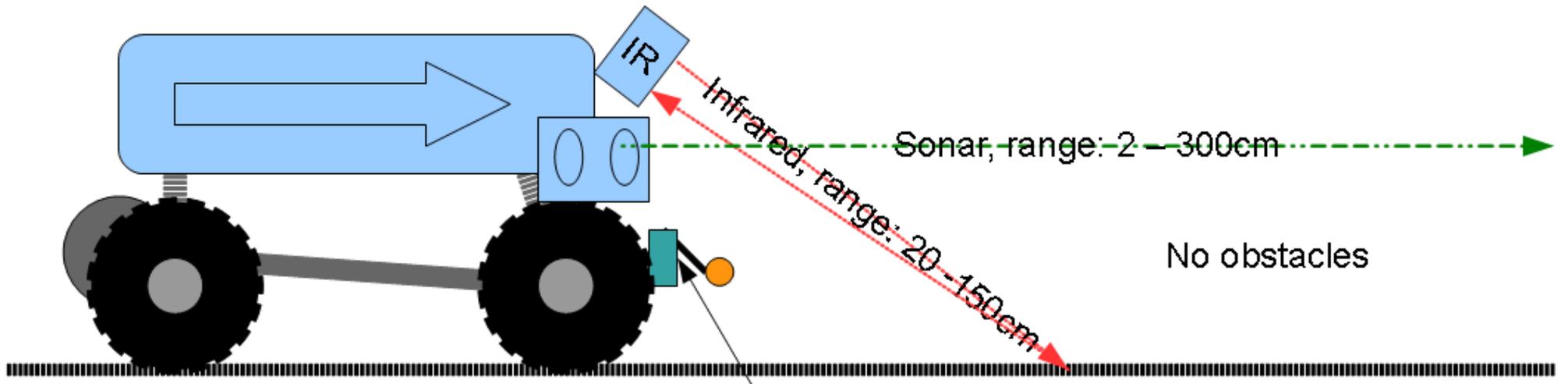


Inputs

Conceptual system organization

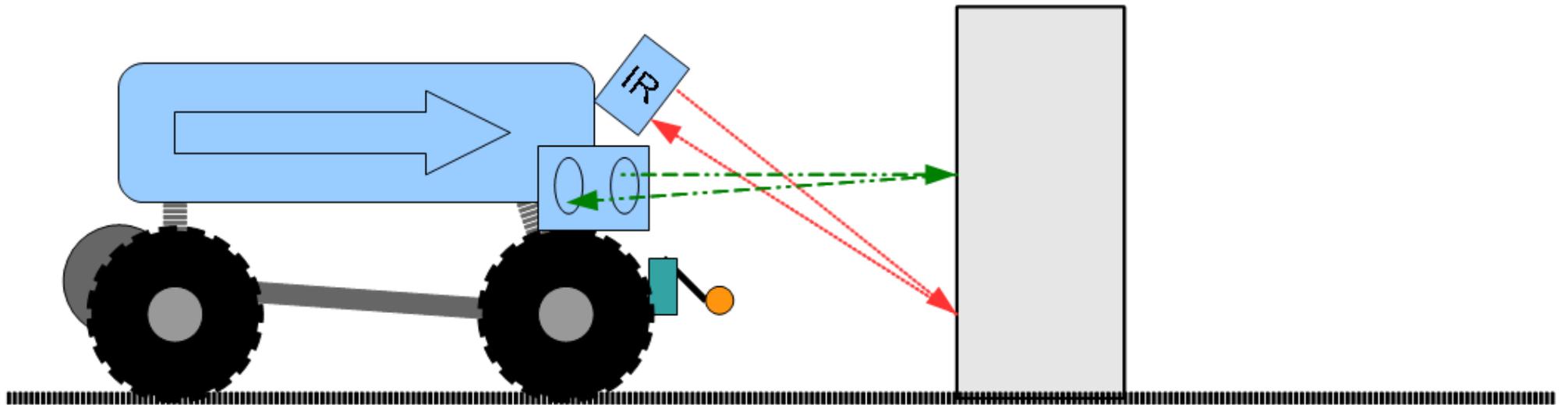


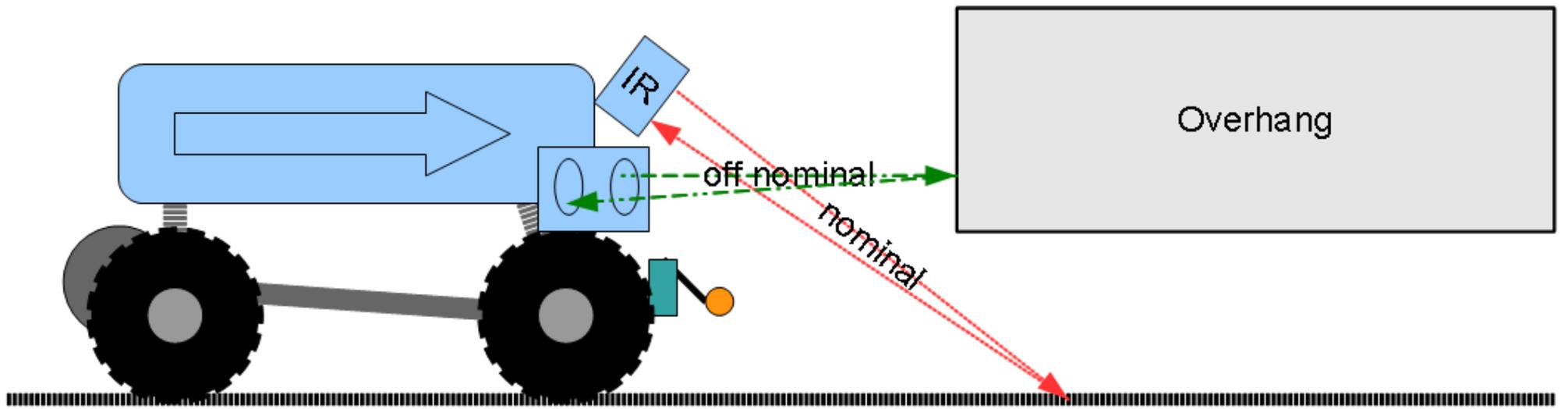




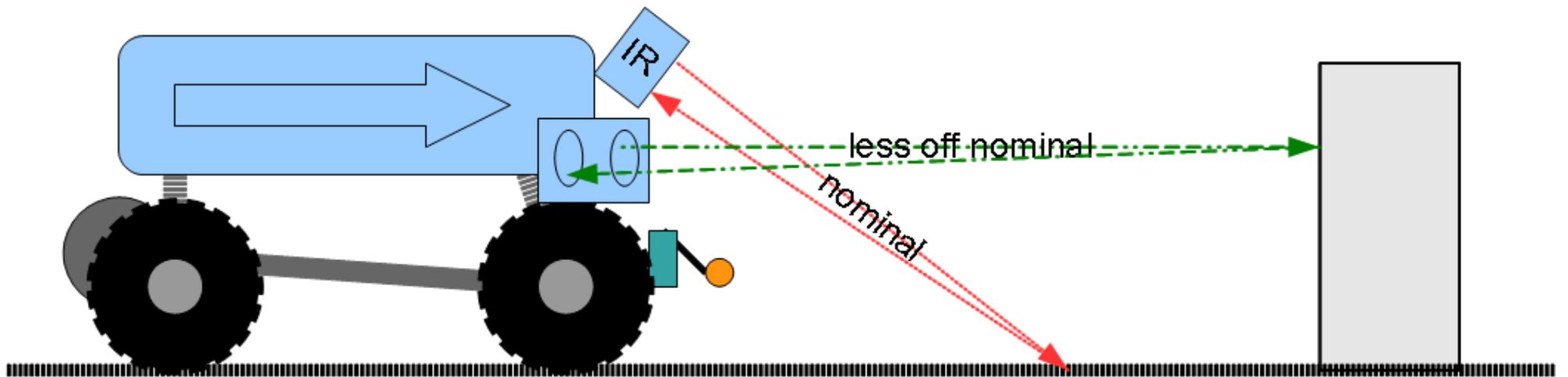
Bumper switches

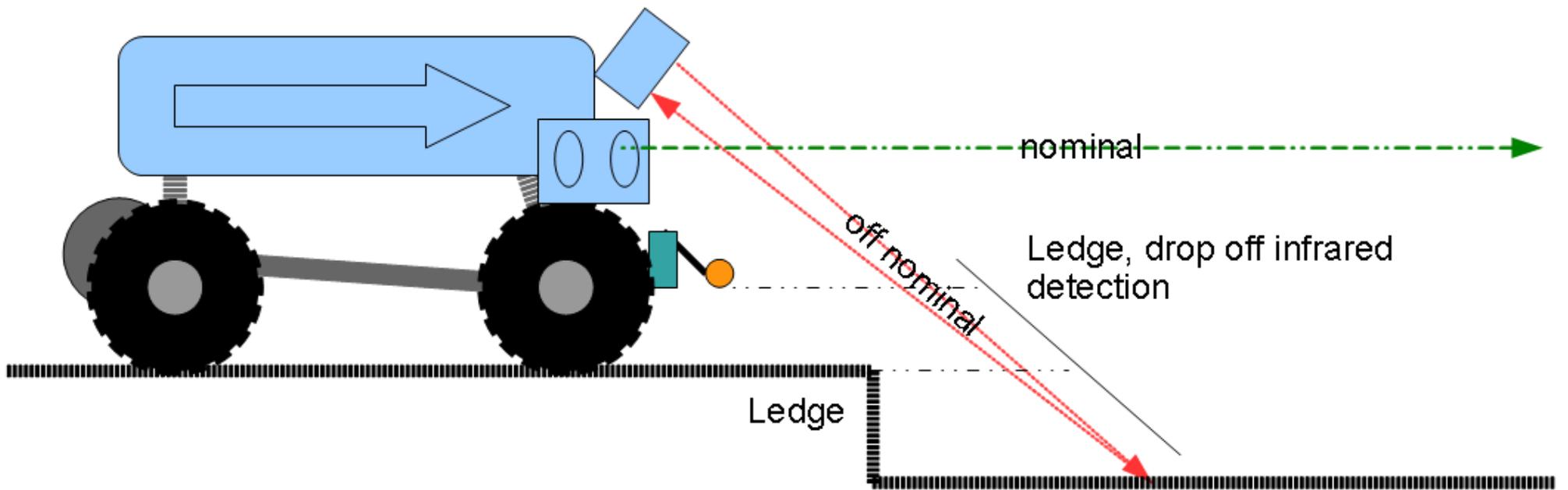
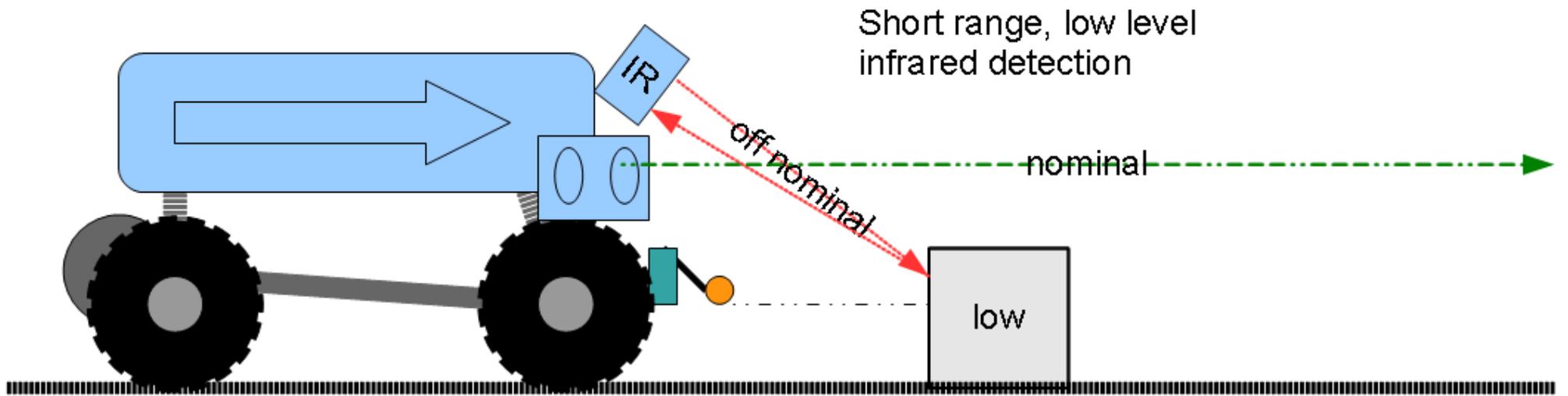
Both sonar and infrared detect the obstacle.

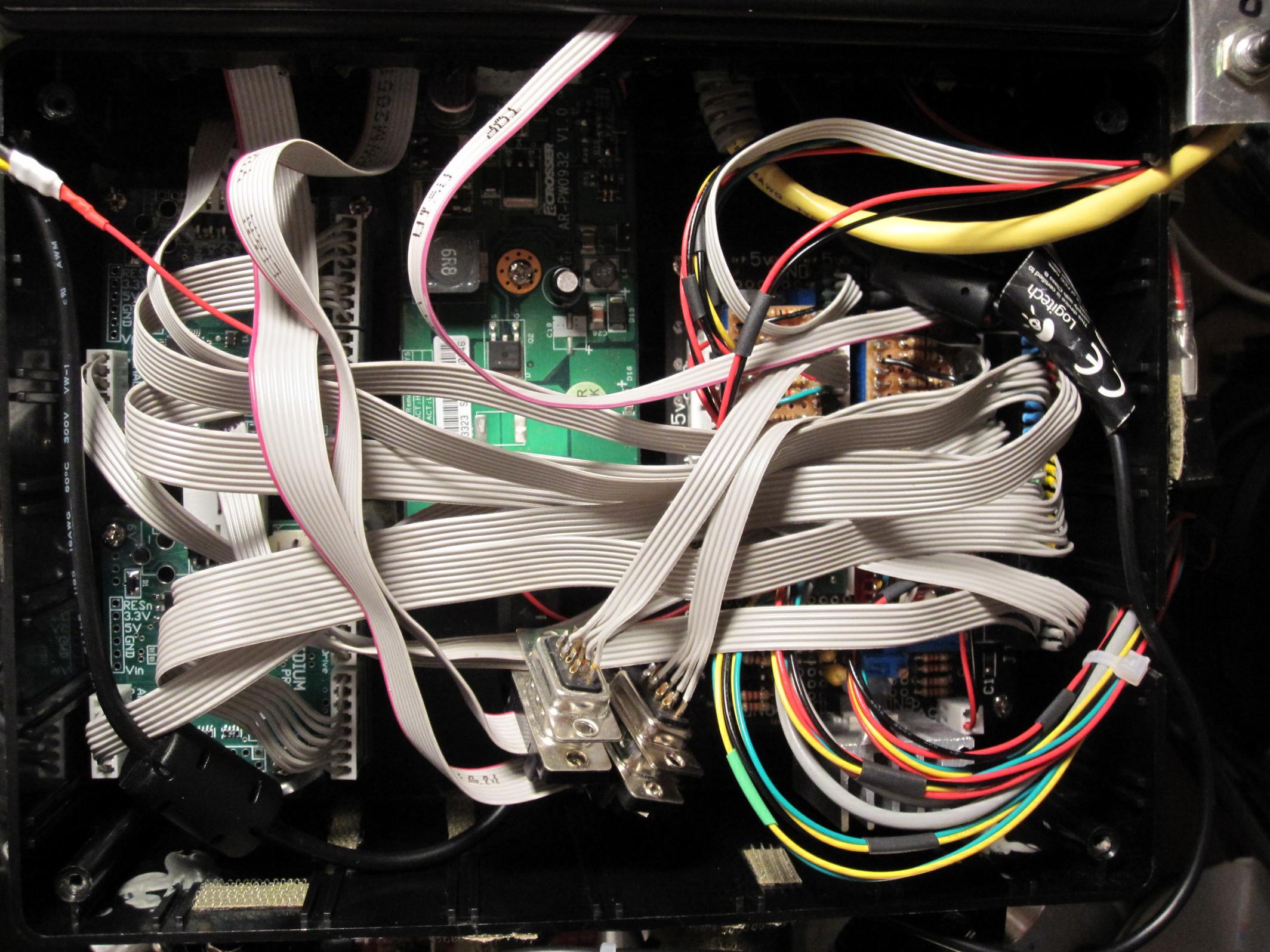




Far range sonar detection







1GB

AR-PW0932 V1.0

6R8

3323 S

5V

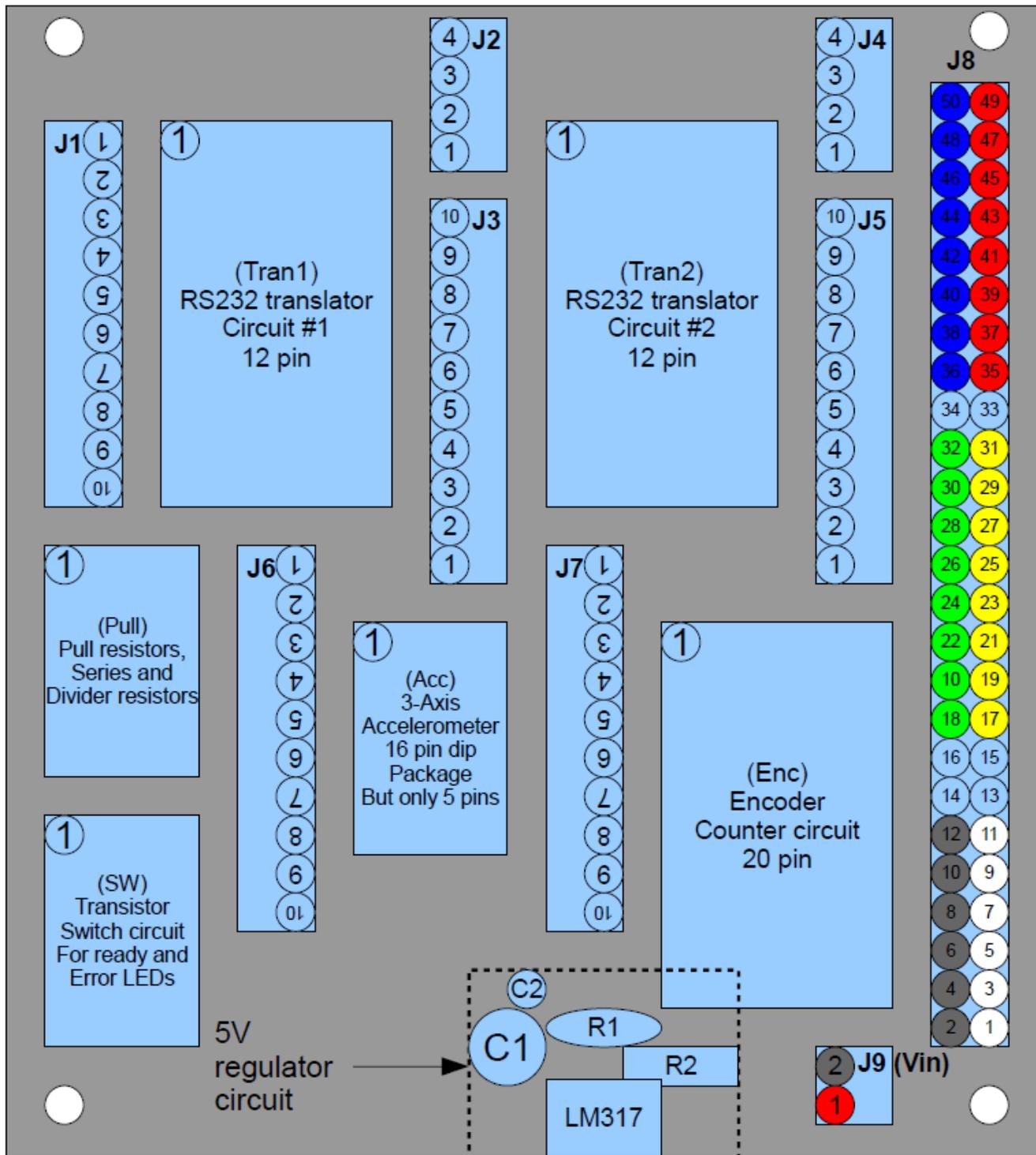
Logitech

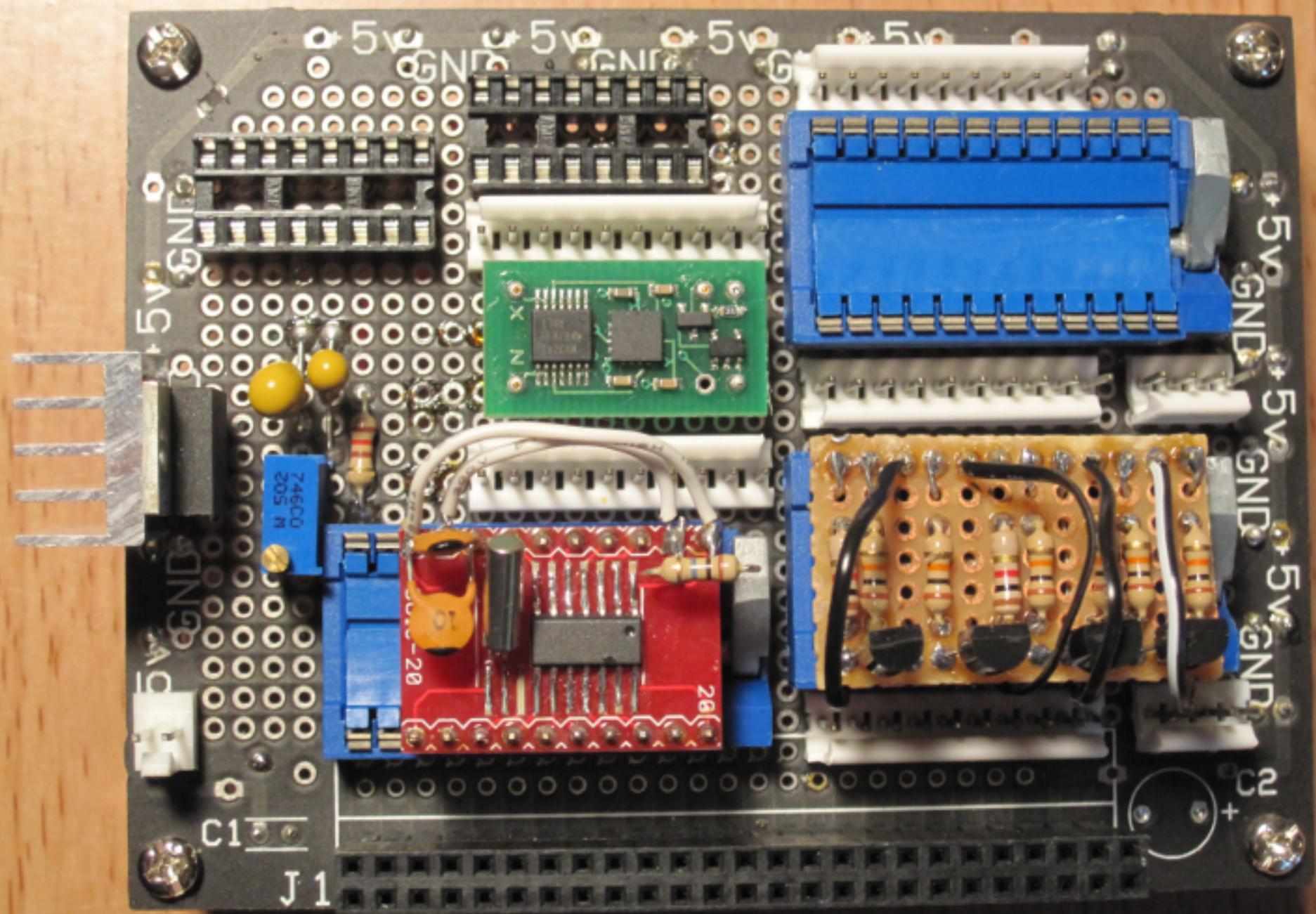
100% 16AWG 80°C 300V VW-1

Secure Ground

MINI

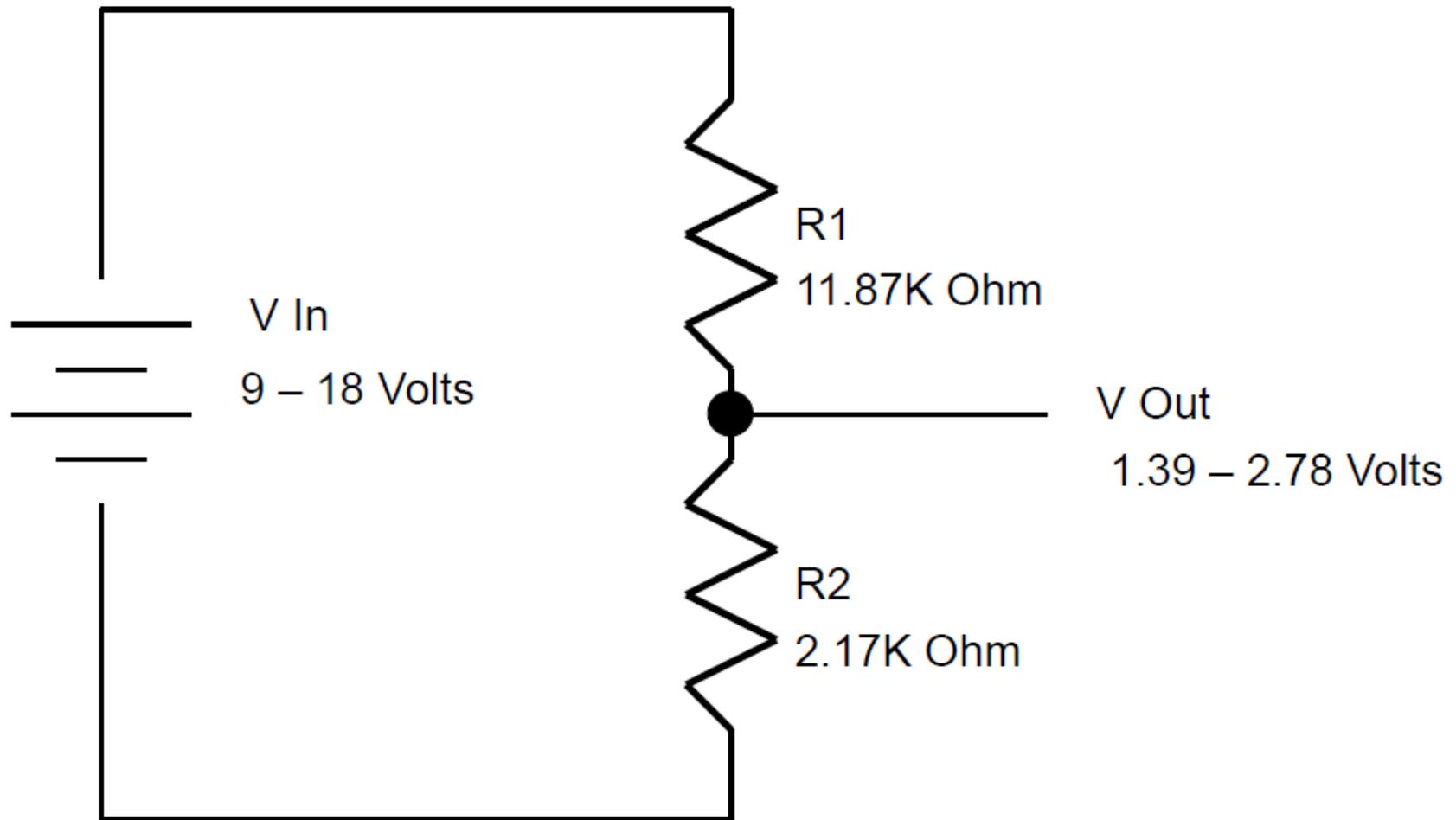
CL

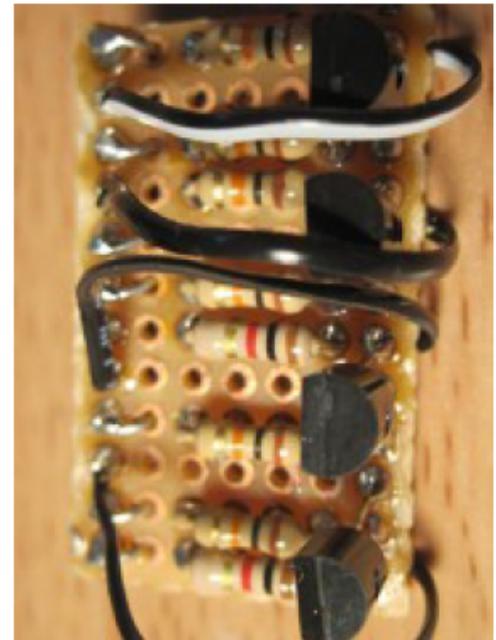
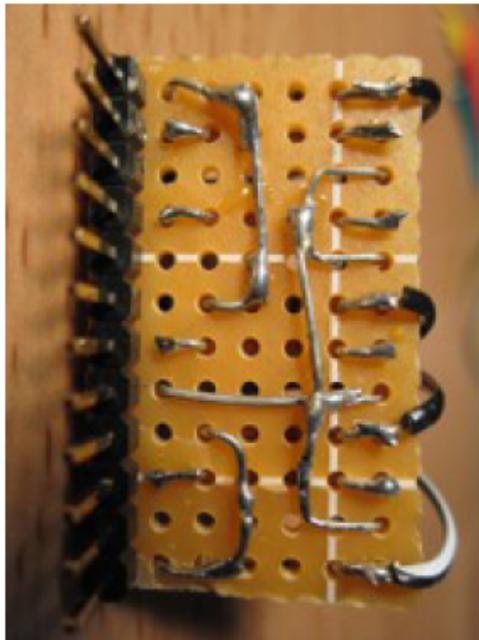
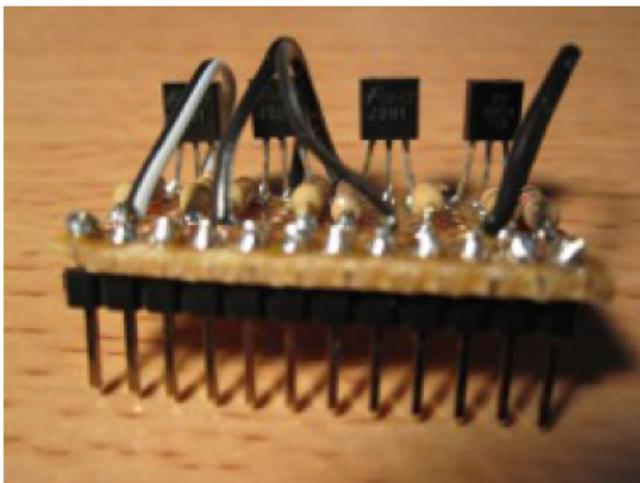
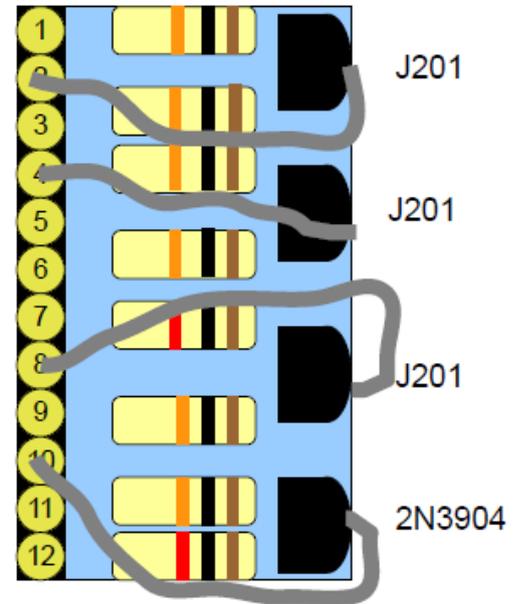
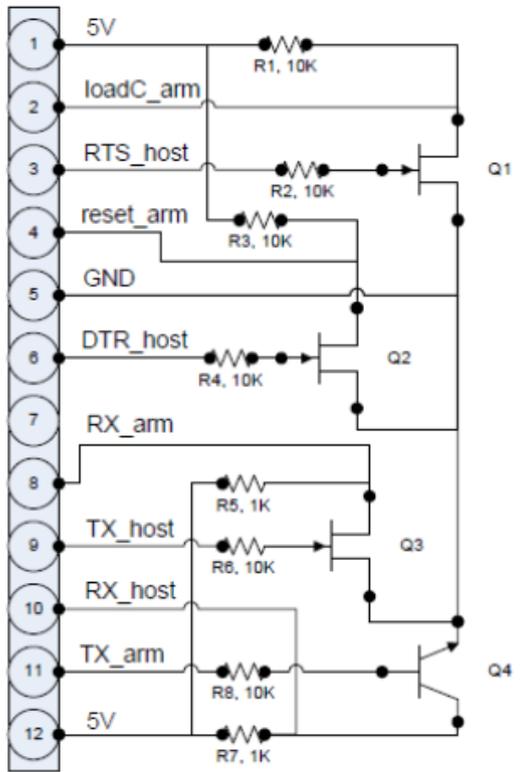


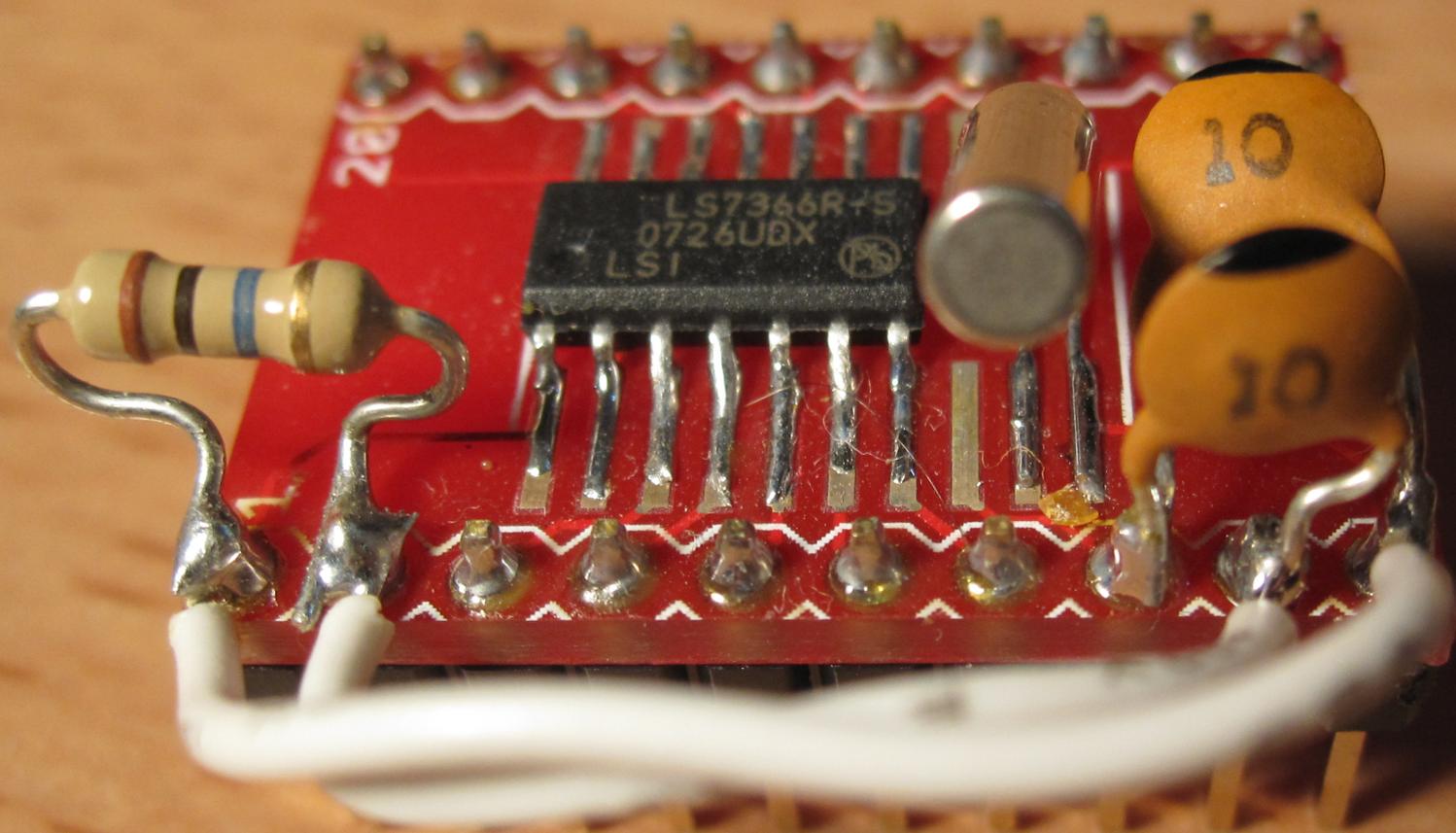


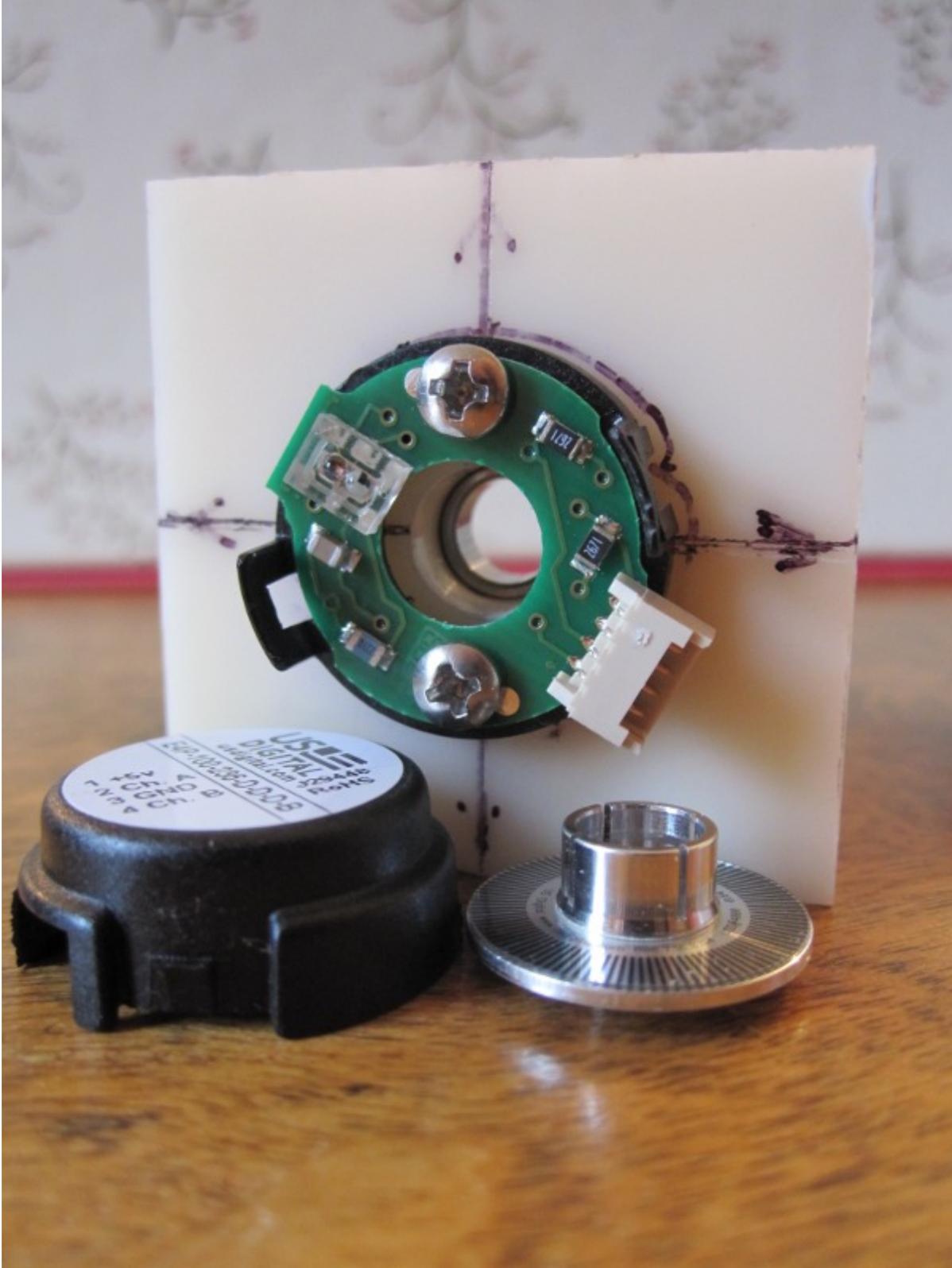
System Controller Battery Voltage Divider

$$V_{\text{Out}} = \left(\frac{R_2}{R_1 + R_2} \right) * V_{\text{In}}$$





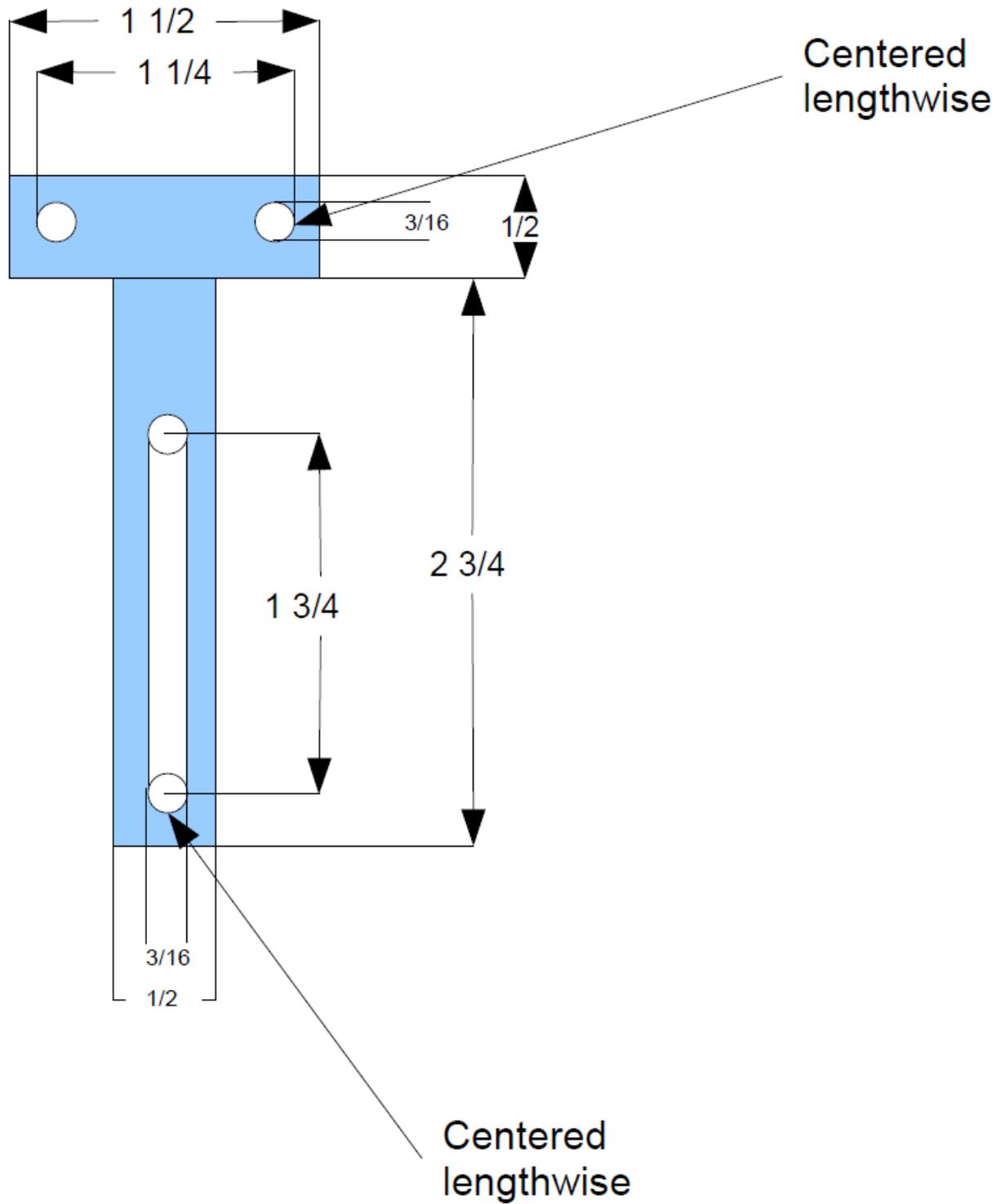


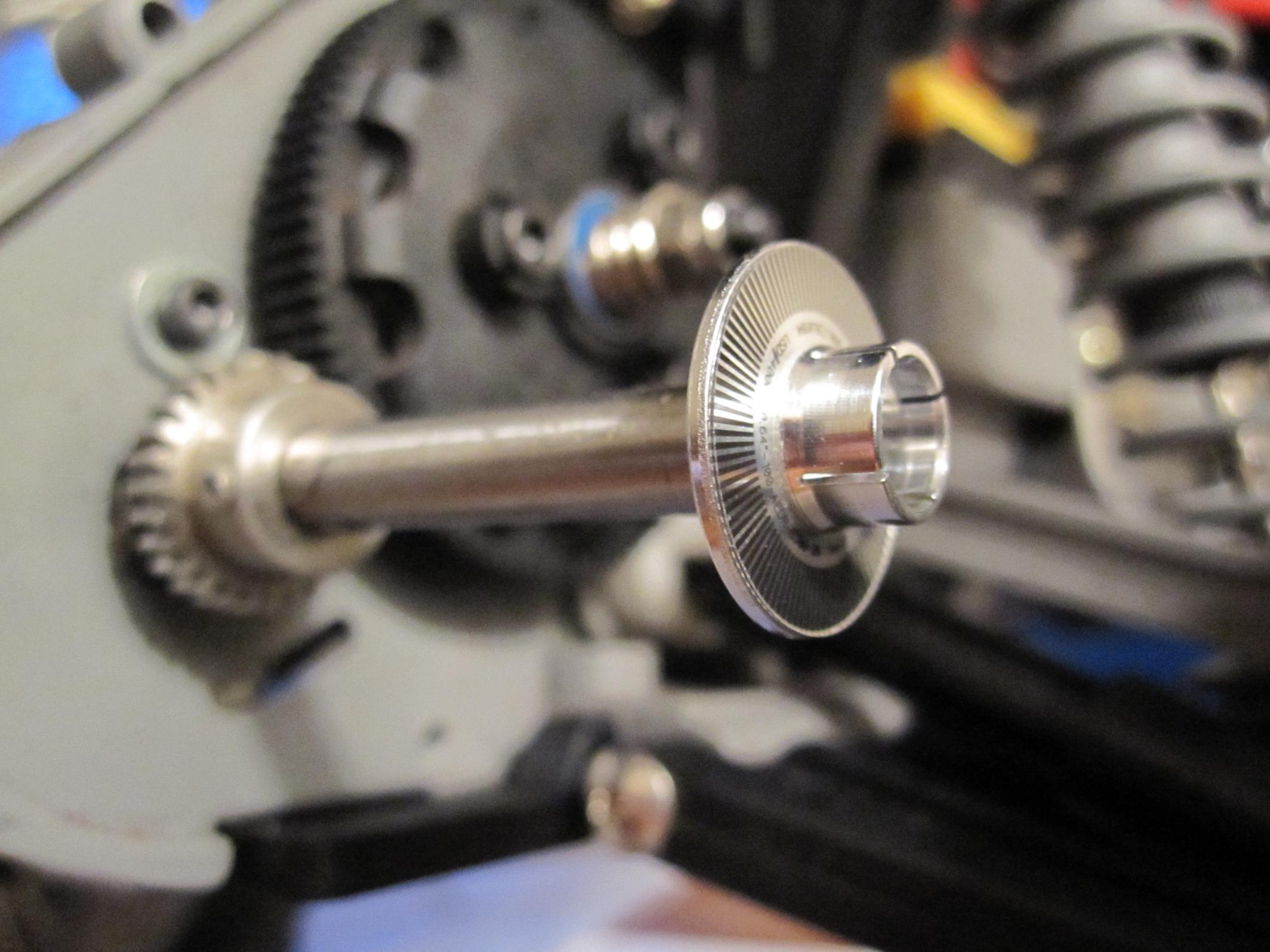


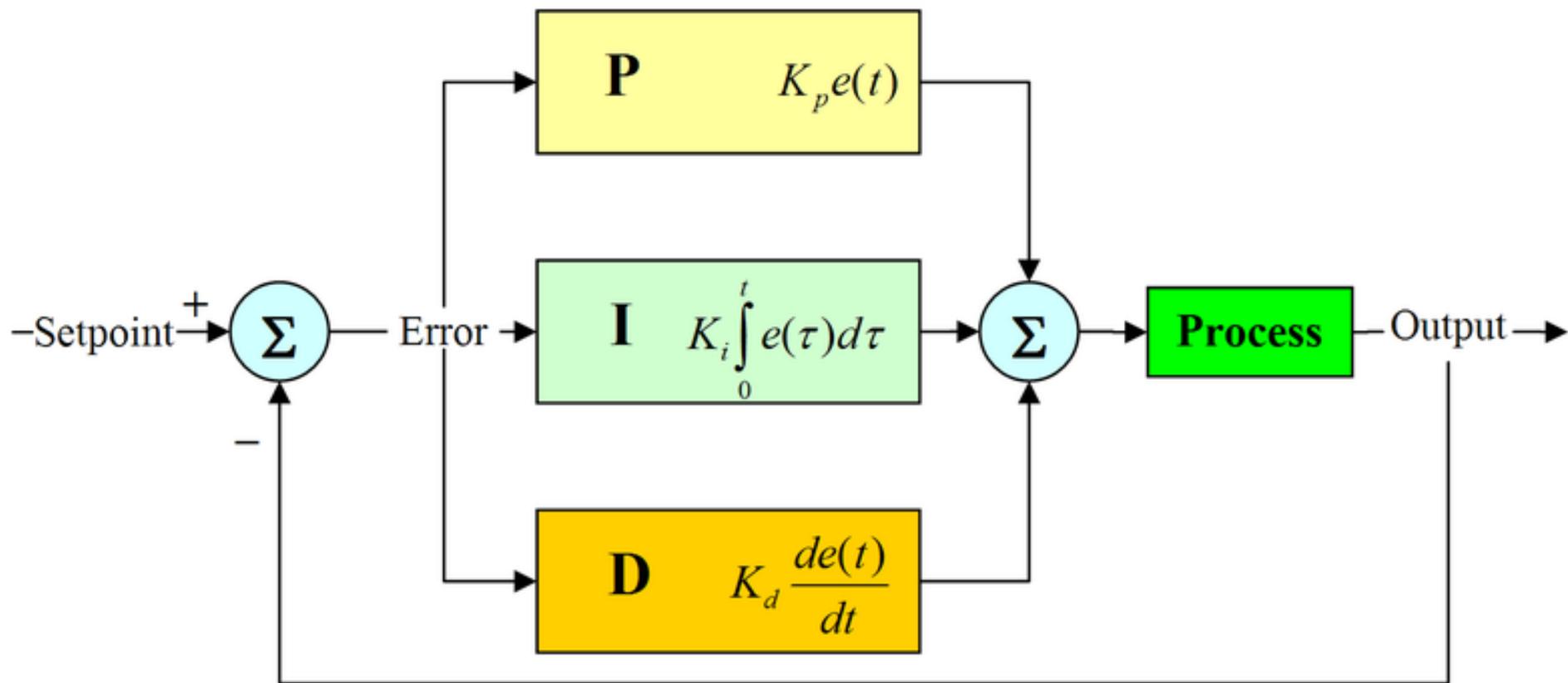


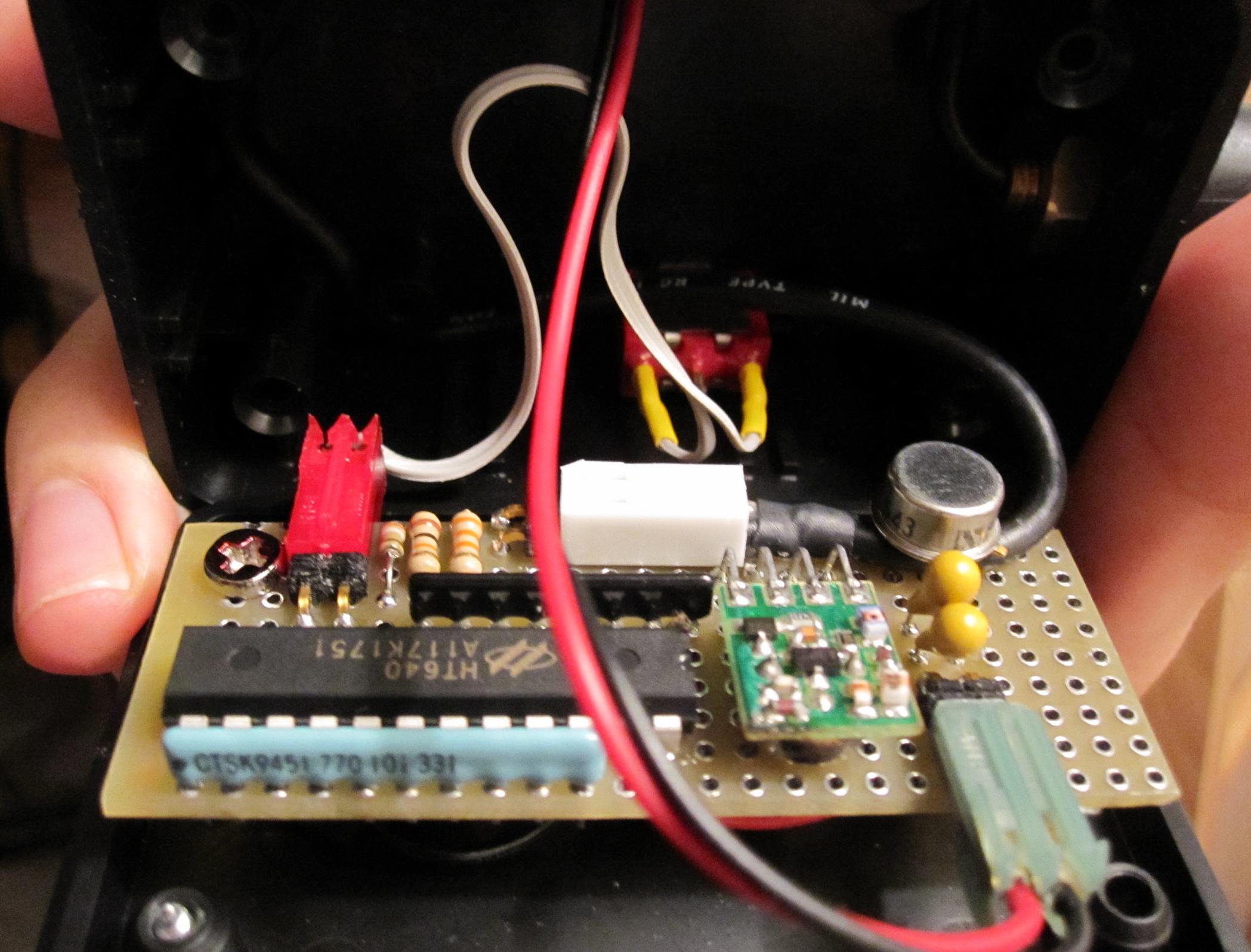
USE
DIGITAL
EIP-101-200-10-10-10











HT640
A117K1751

C15A9451 770 101 331

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