

A

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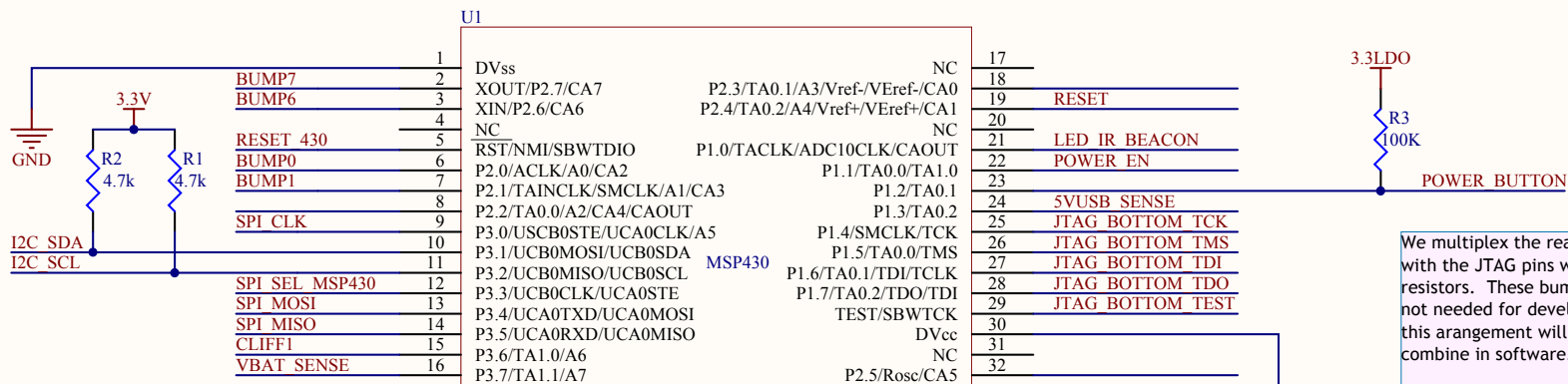
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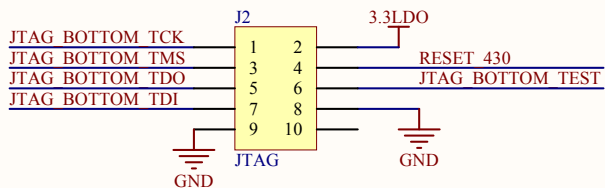
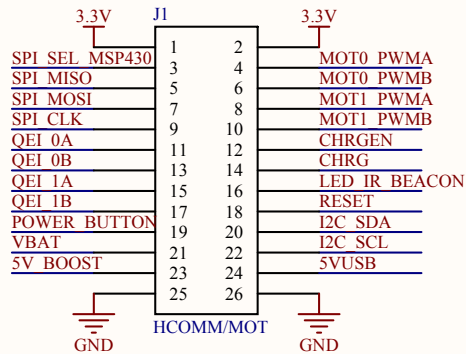
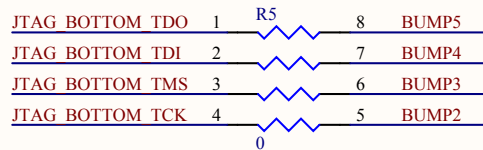
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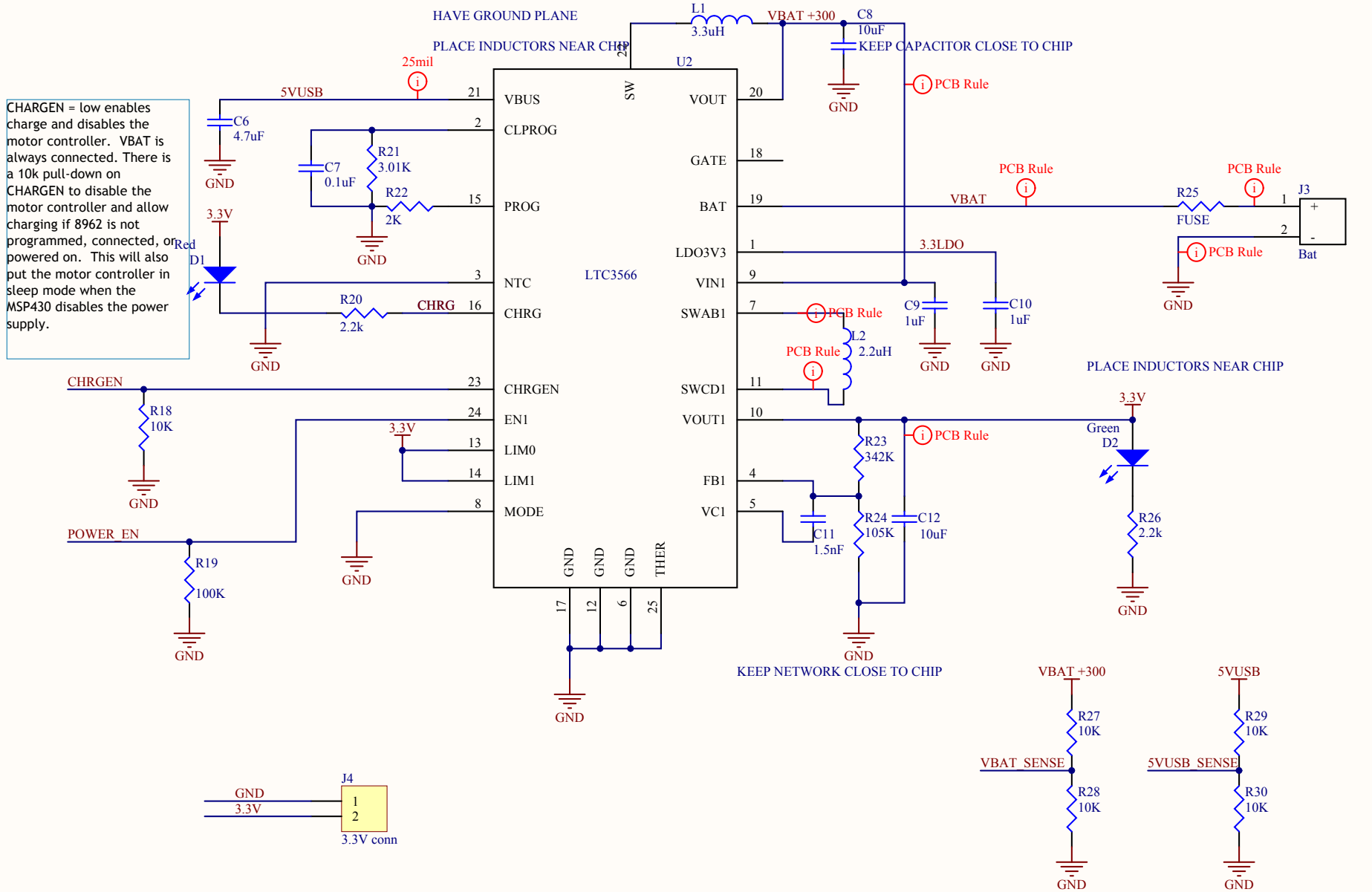


We multiplex the rear bump sensors with the JTAG pins with a selection resistors. These bump sensors are not needed for development, and this arrangement will be easy to combine in software.



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CHARGEN = low enables charge and disables the motor controller. VBAT is always connected. There is a 10k pull-down on CHARGEN to disable the motor controller and allow charging if 8962 is not programmed, connected, or powered on. This will also put the motor controller in sleep mode when the MSP430 disables the power supply.



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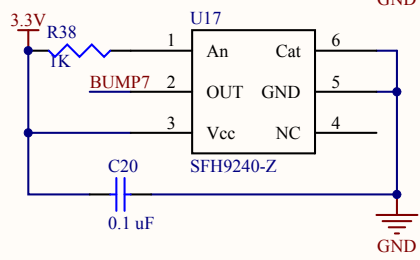
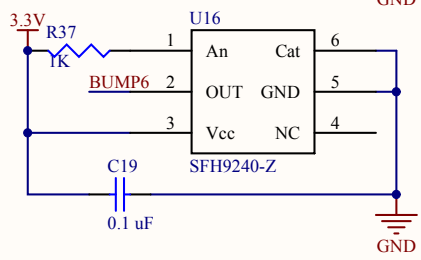
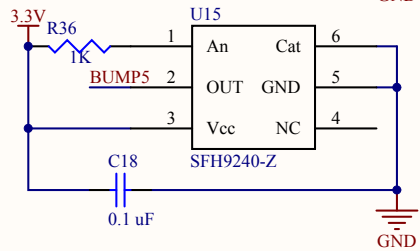
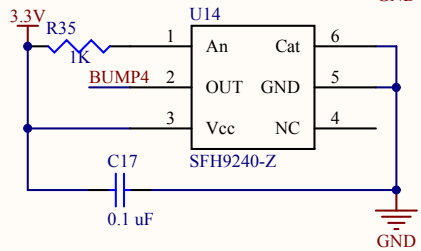
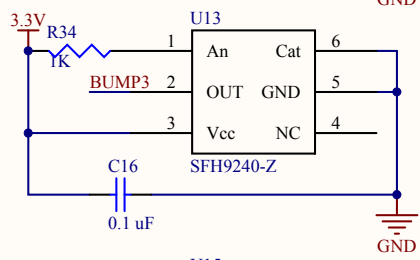
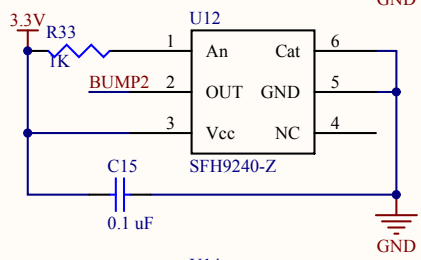
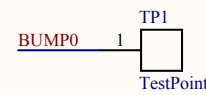
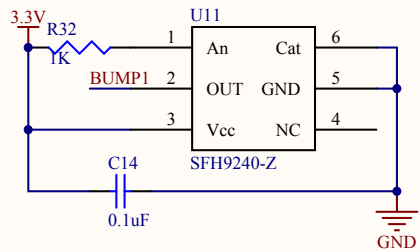
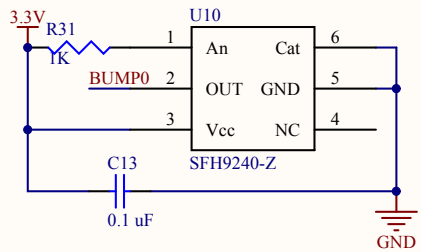
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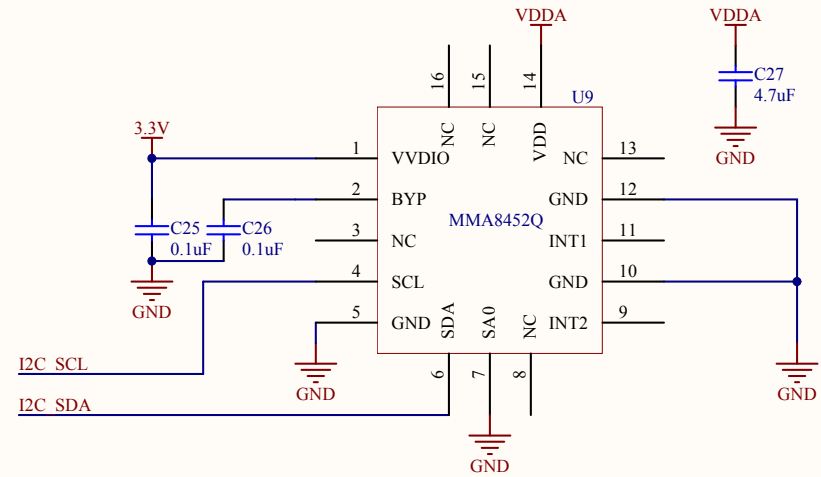
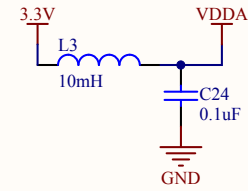
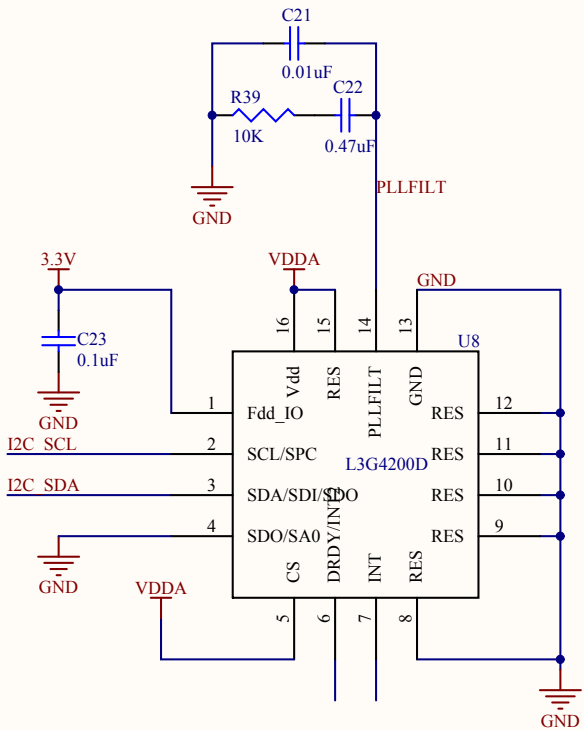
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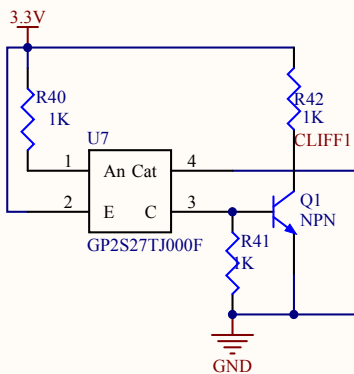
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