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A	<div>DATA ACQUISITION AND CONTROL HOST BOARD</div>							A																				
B								B																				
C	<div>TABLE OF CONTENTS</div> <table><tr><th>SHEET</th><th>SHEET_NAME</th></tr><tr><td>1</td><td>TABLE OF CONTENTS</td></tr><tr><td>2</td><td>MAIN BOARD BLOCK DIAGRAM</td></tr><tr><td>3</td><td>HOST MSP430 SCHEMATIC</td></tr><tr><td>4</td><td>MOTOR CONTROL MSP430 SCHEMATIC</td></tr><tr><td>5</td><td>HOST MSP430 CONNECTORS</td></tr><tr><td>6</td><td>MOTOR MSP430 CONNECTORS</td></tr><tr><td>7</td><td>SENSORS AND SD CARD SCHEMATICS</td></tr><tr><td>8</td><td>POWER MANAGEMENT SCHEMATIC</td></tr><tr><td>9</td><td>REACTION WHEEL BATTERY VOLTAGE SENSE SCHEMATIC</td></tr></table>							SHEET	SHEET_NAME	1	TABLE OF CONTENTS	2	MAIN BOARD BLOCK DIAGRAM	3	HOST MSP430 SCHEMATIC	4	MOTOR CONTROL MSP430 SCHEMATIC	5	HOST MSP430 CONNECTORS	6	MOTOR MSP430 CONNECTORS	7	SENSORS AND SD CARD SCHEMATICS	8	POWER MANAGEMENT SCHEMATIC	9	REACTION WHEEL BATTERY VOLTAGE SENSE SCHEMATIC	C
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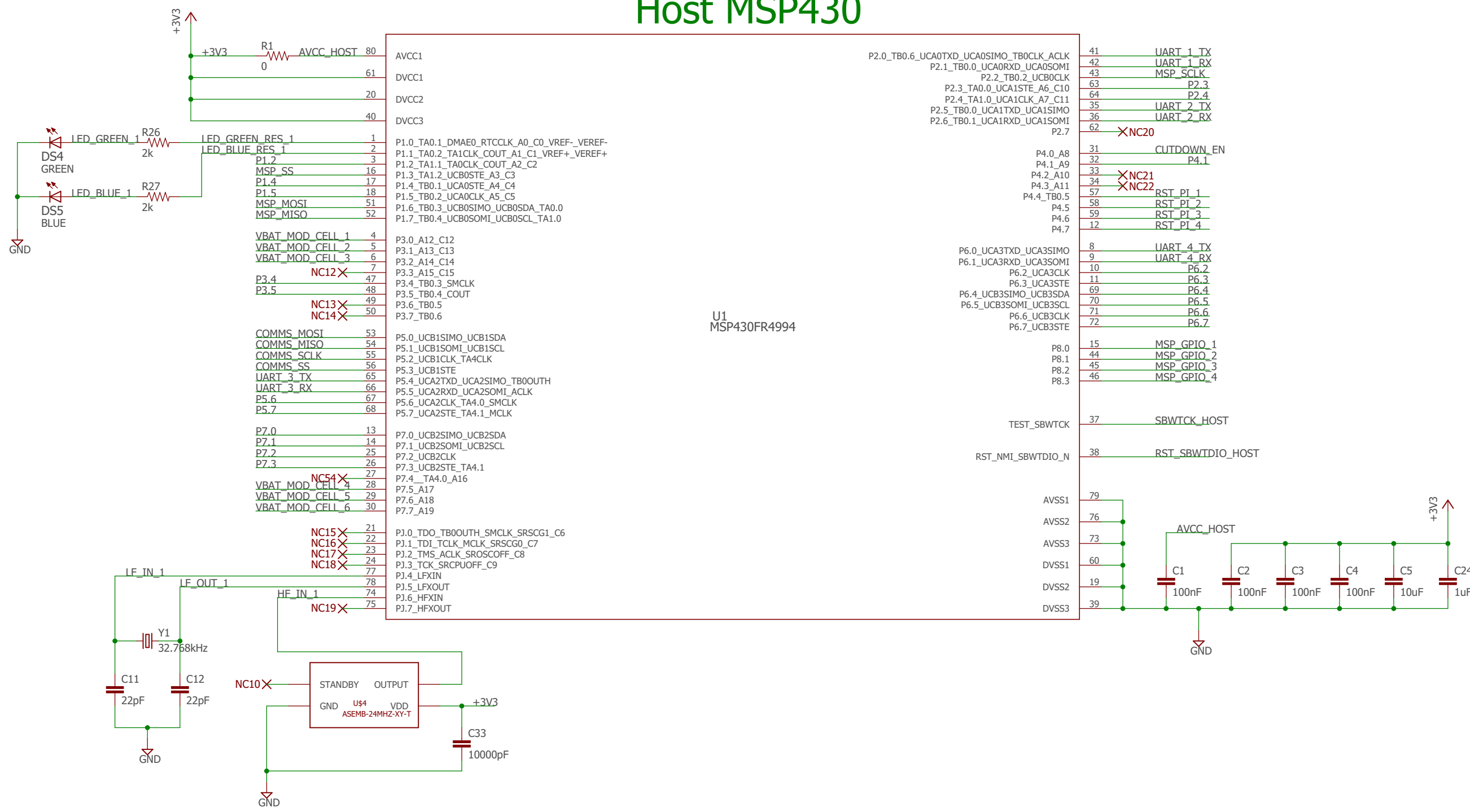
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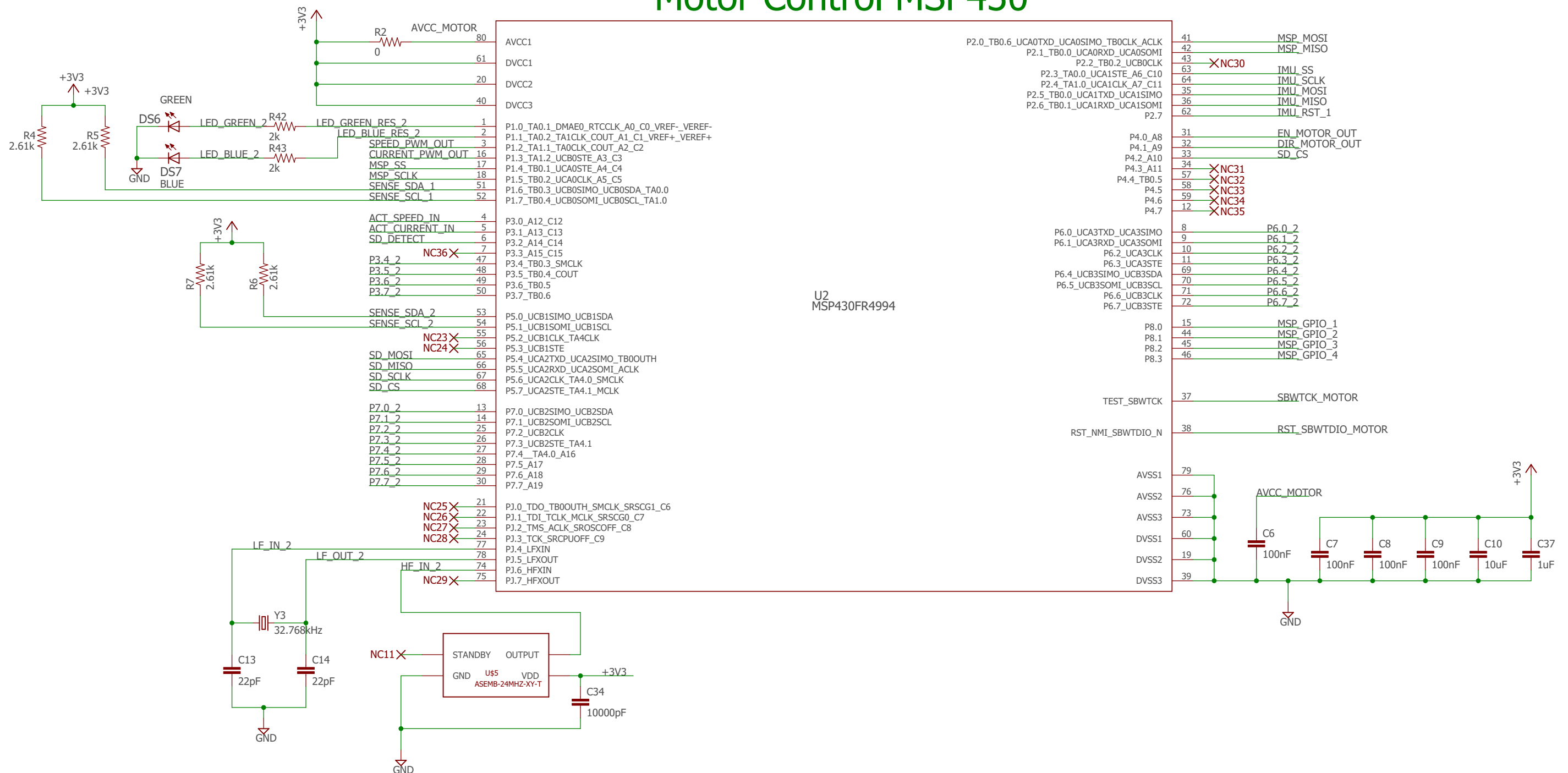


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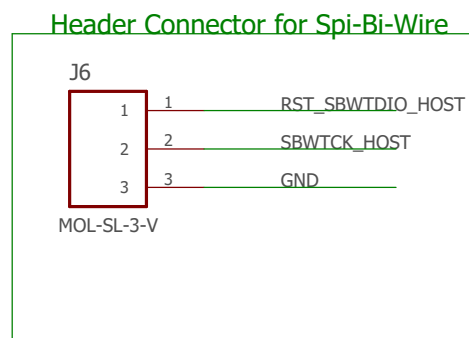
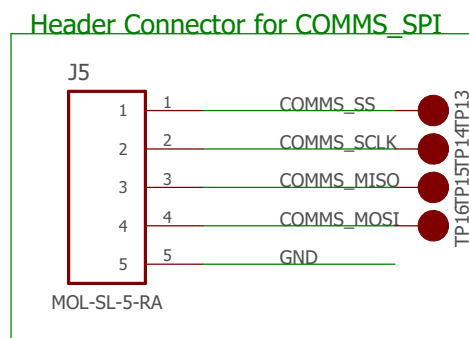
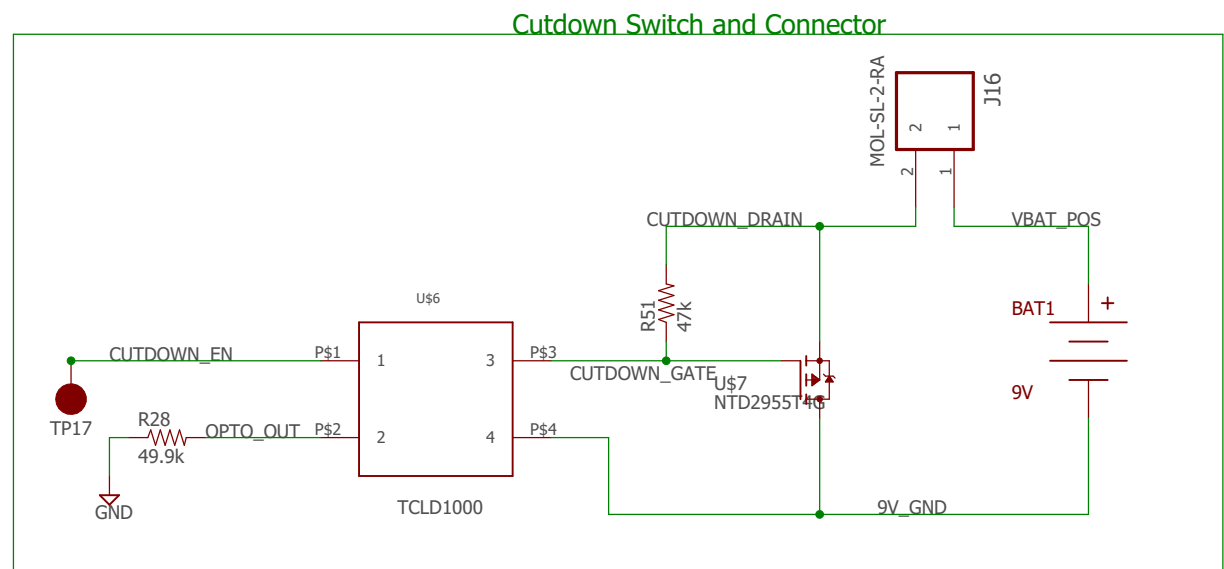
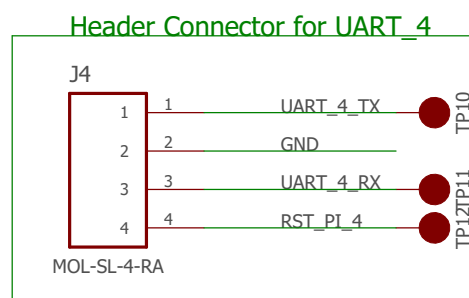
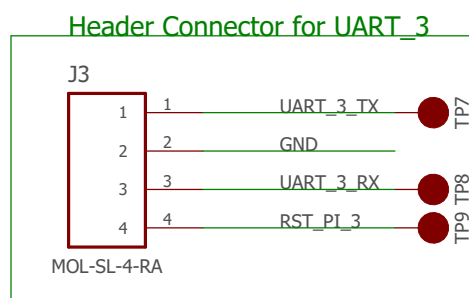
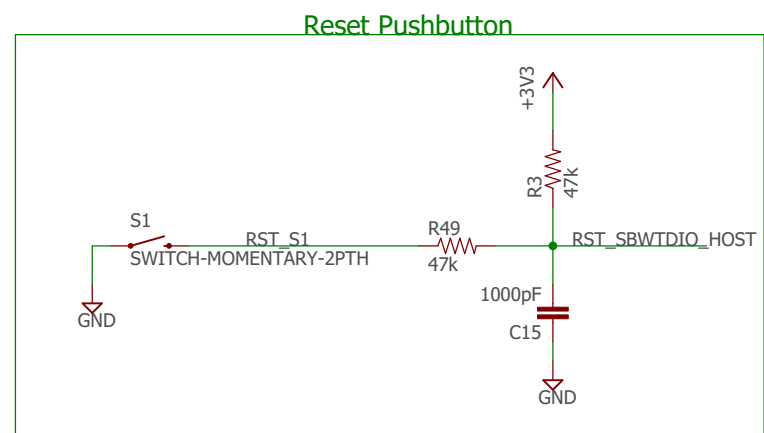
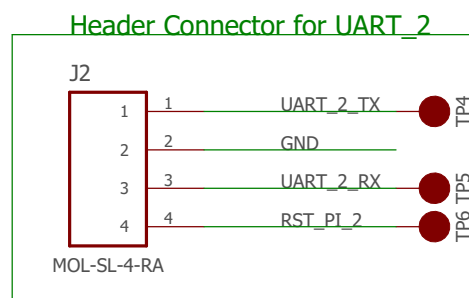
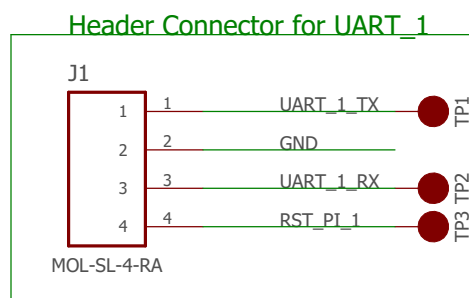
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MSP430FR4994



Motor Control MSP430

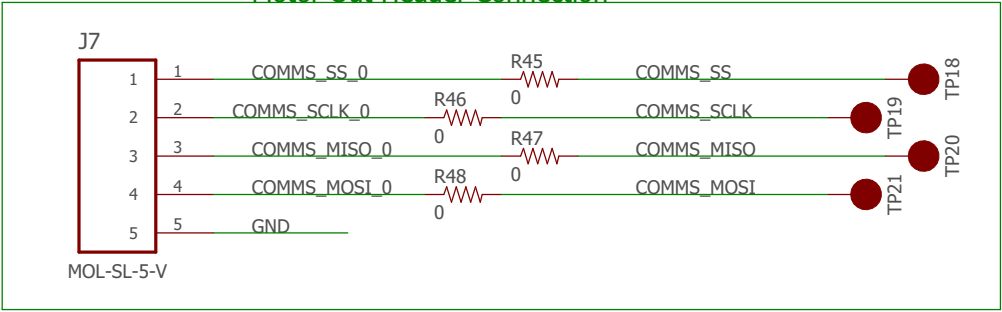


Host MSP430 Connectors

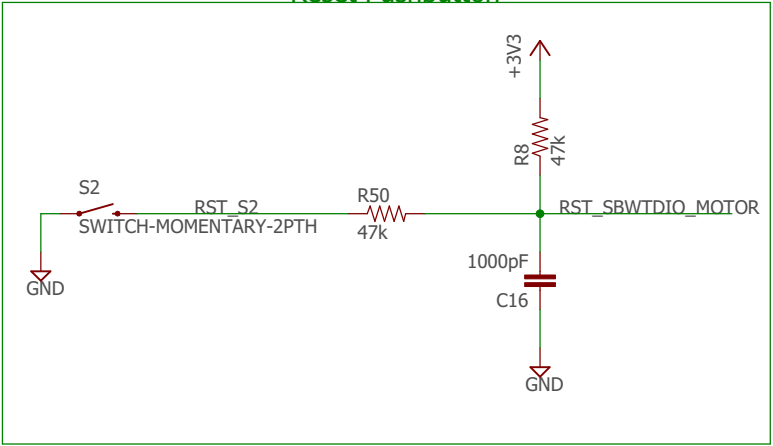


Motor MSP430 Connectors

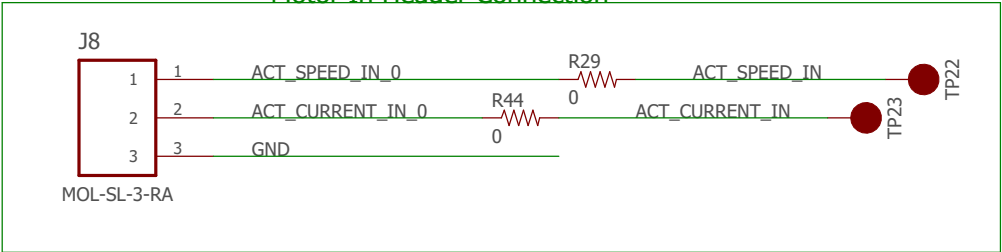
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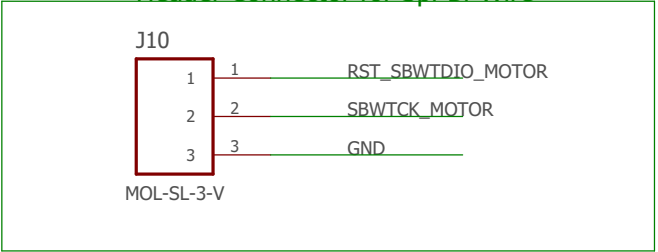
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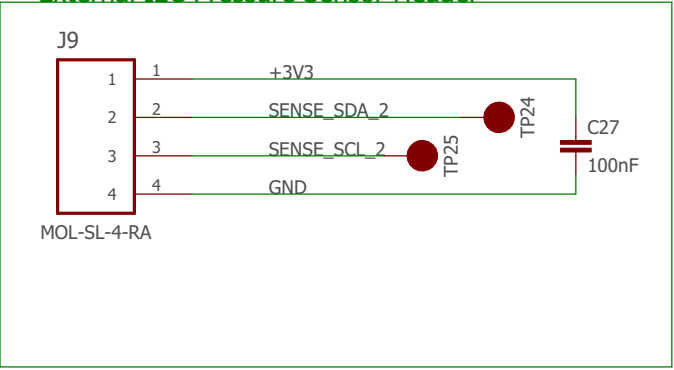
Motor In Header Connection



Header Connector for Spi-Bi-Wire



External I2C Pressure Sensor Header

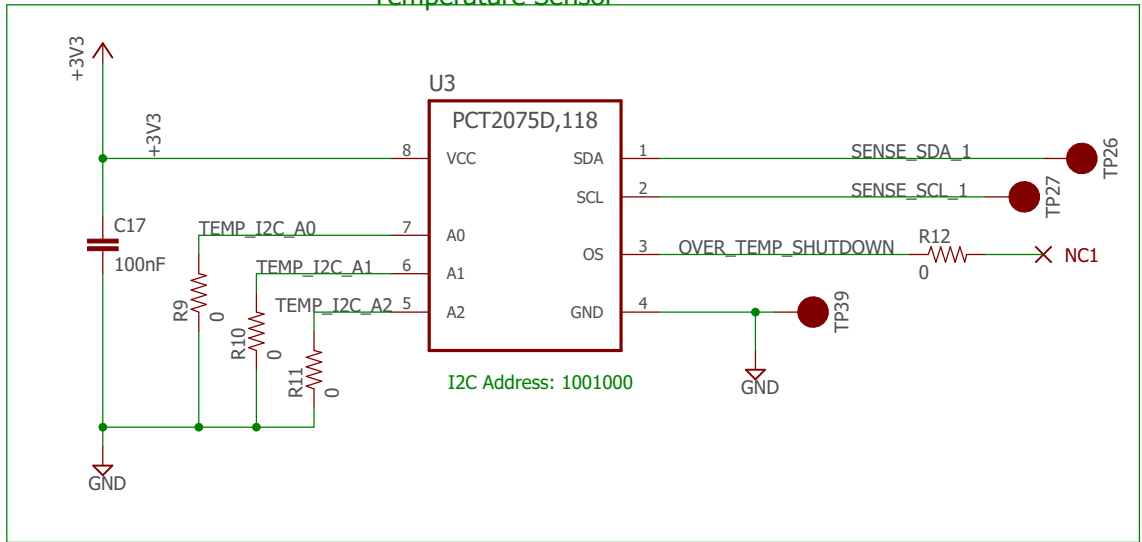


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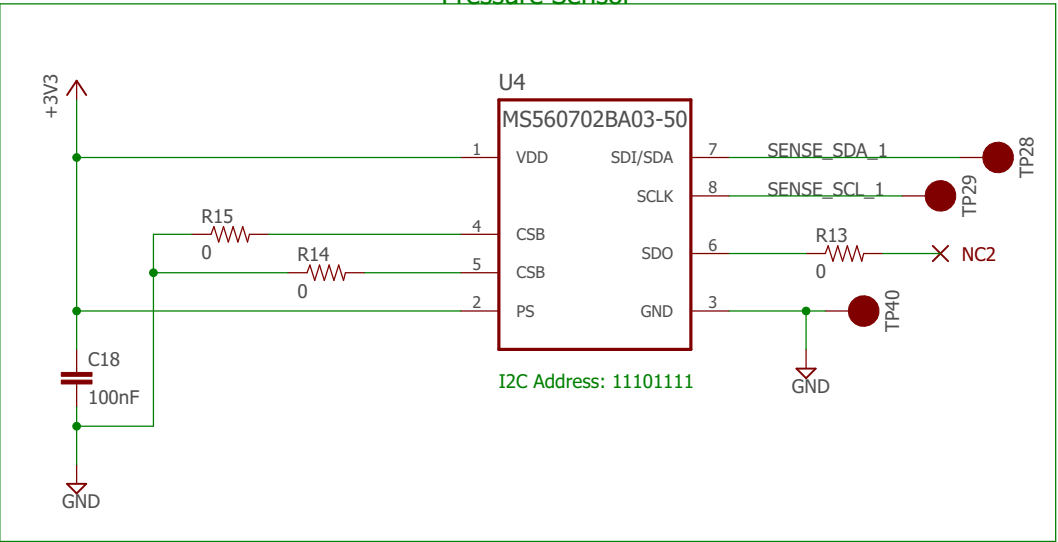


Sensors and SD Card

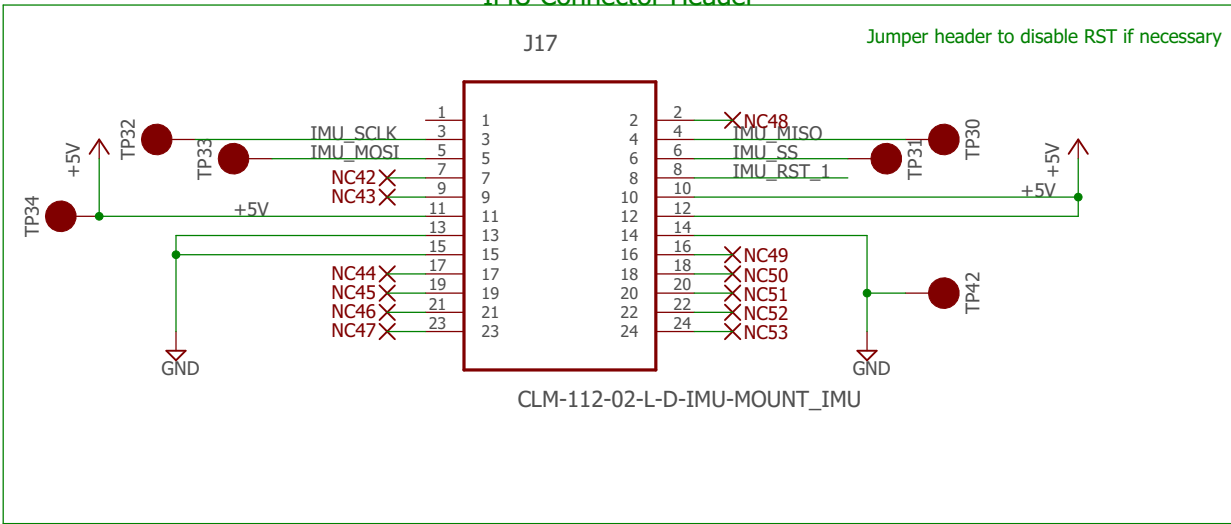
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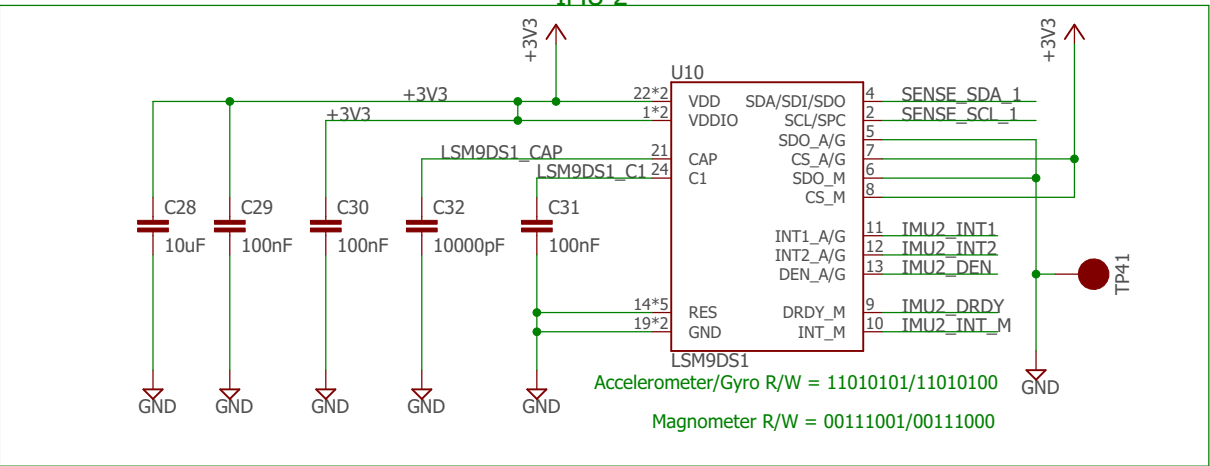
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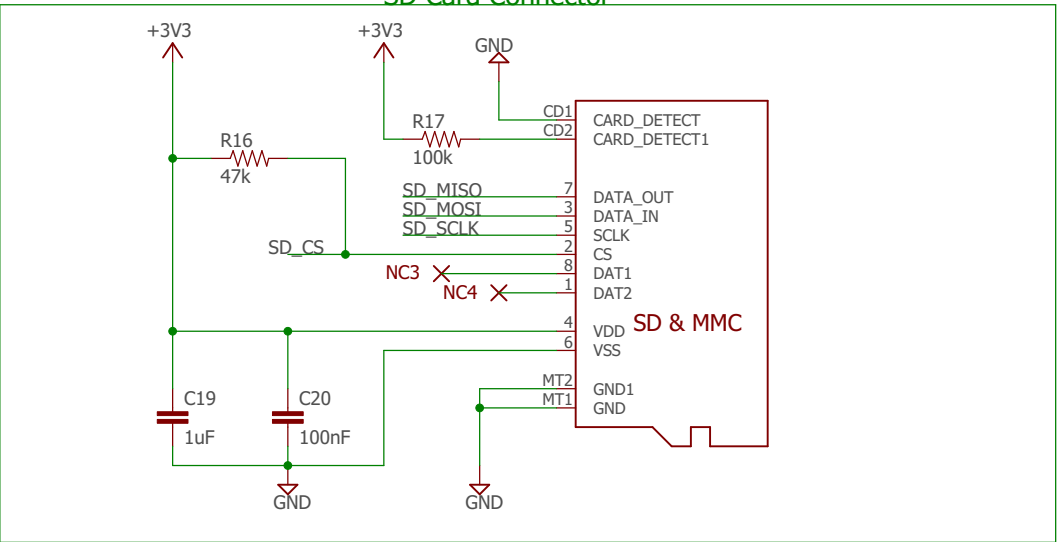
IMU Connector Header



IMU 2



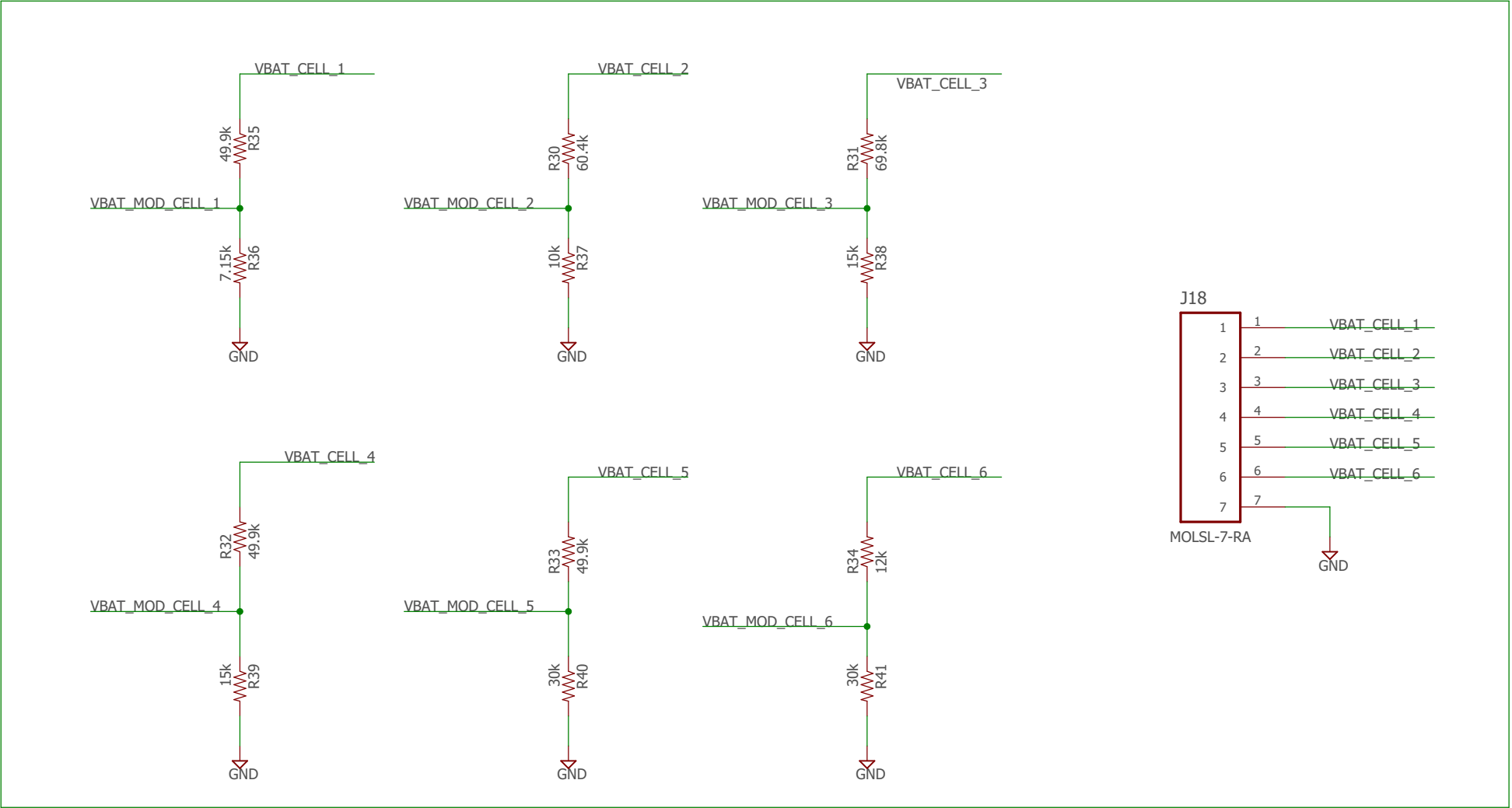
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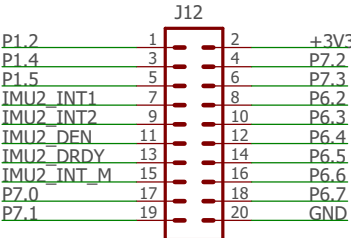
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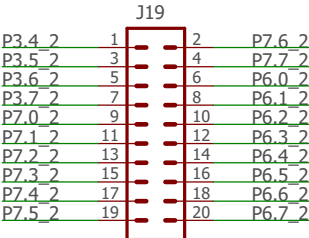
REACTION WHEEL BATTERY VOLTAGE SENSE



HOST MSP430 HEADER



MOTOR MSP430 HEADER



RW BATTERY VOLTAGE SENSE

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