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A	DATA ACQUISITION AND CONTROL HOST BOARD							A																						
B								B																						
C	TABLE OF CONTENTS							C																						
D	<table><tr><td>SHEET</td><td>SHEET_NAME</td></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><tr><td>10</td><td>HOUSING, CRIMPS AND ACCESSORIES</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	10	HOUSING, CRIMPS AND ACCESSORIES	D
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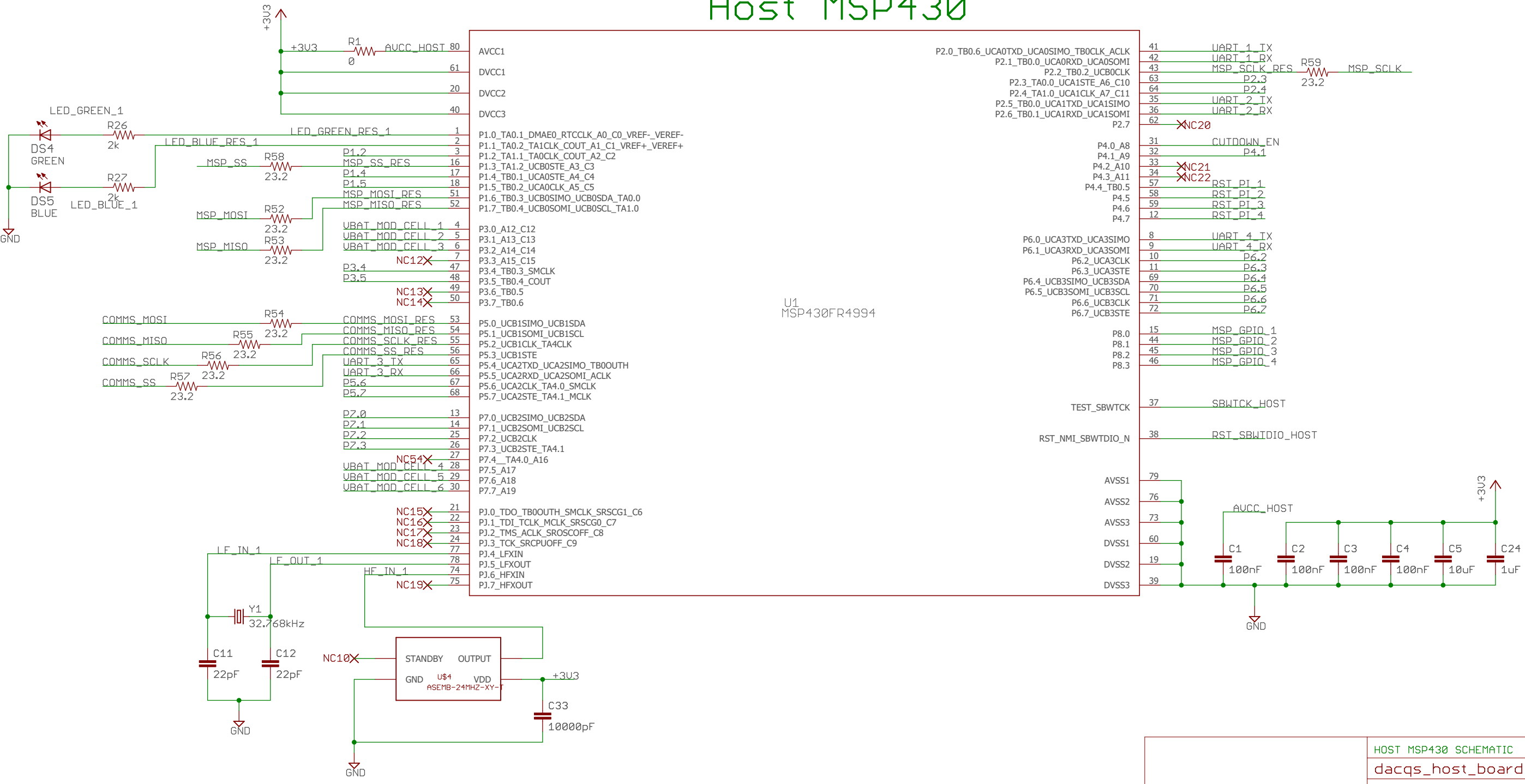
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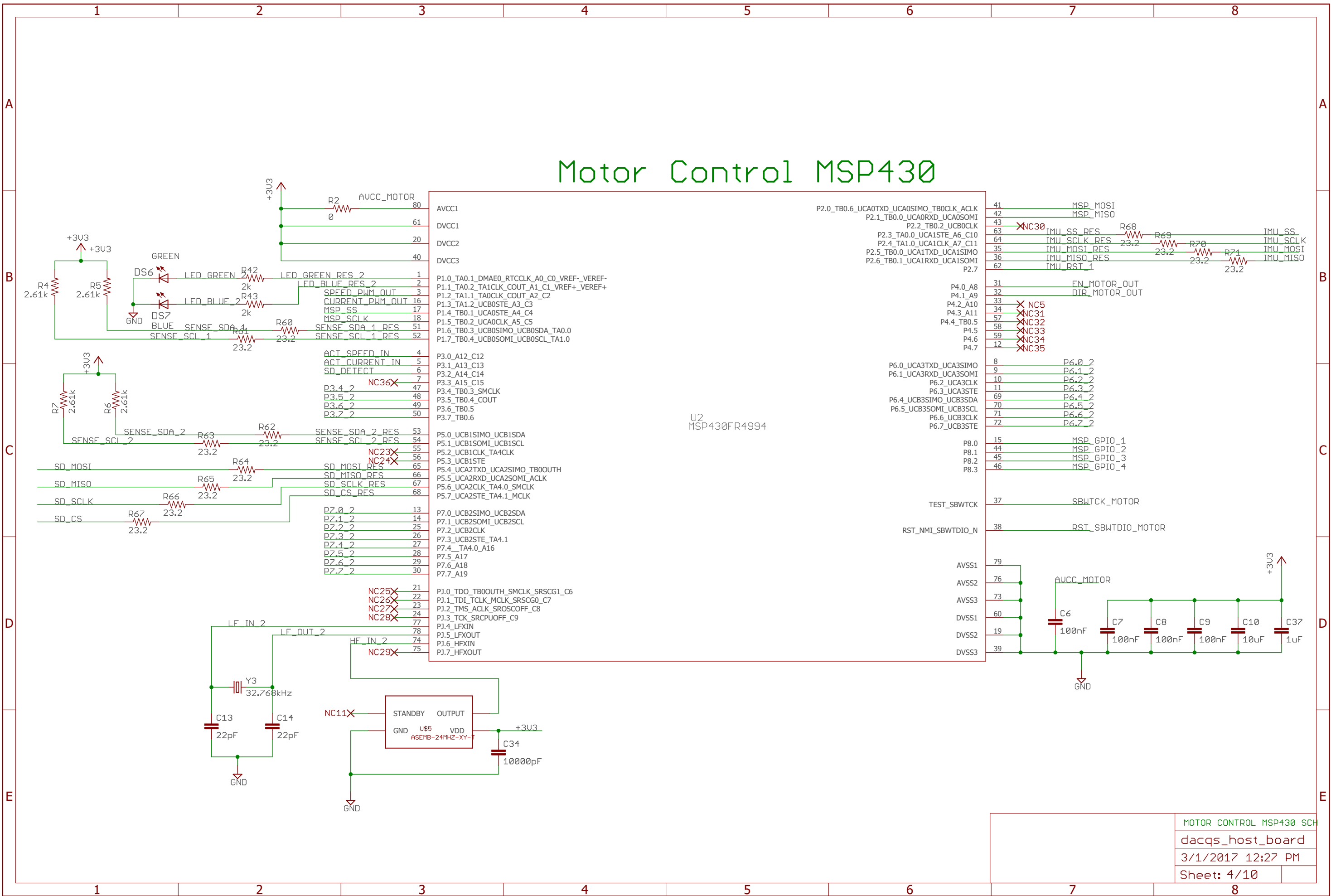
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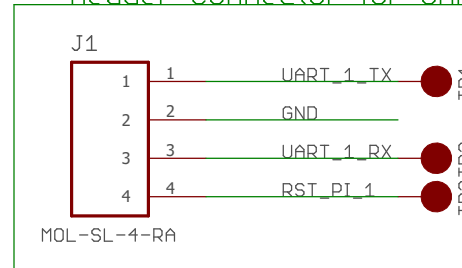


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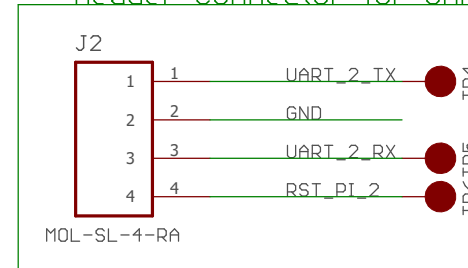


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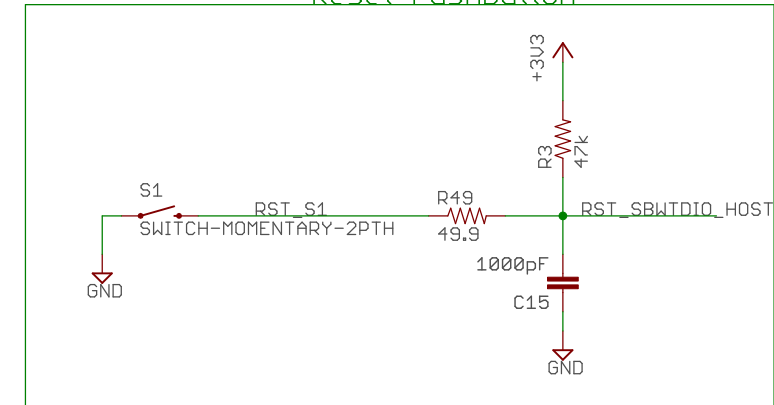
Header Connector for UART\_1



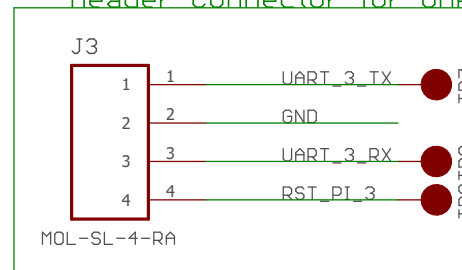
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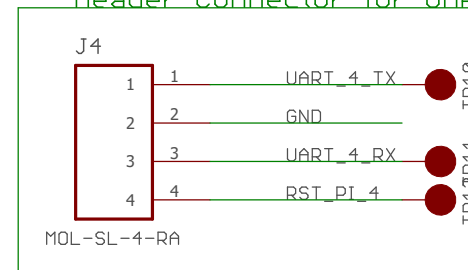
Reset Pushbutton



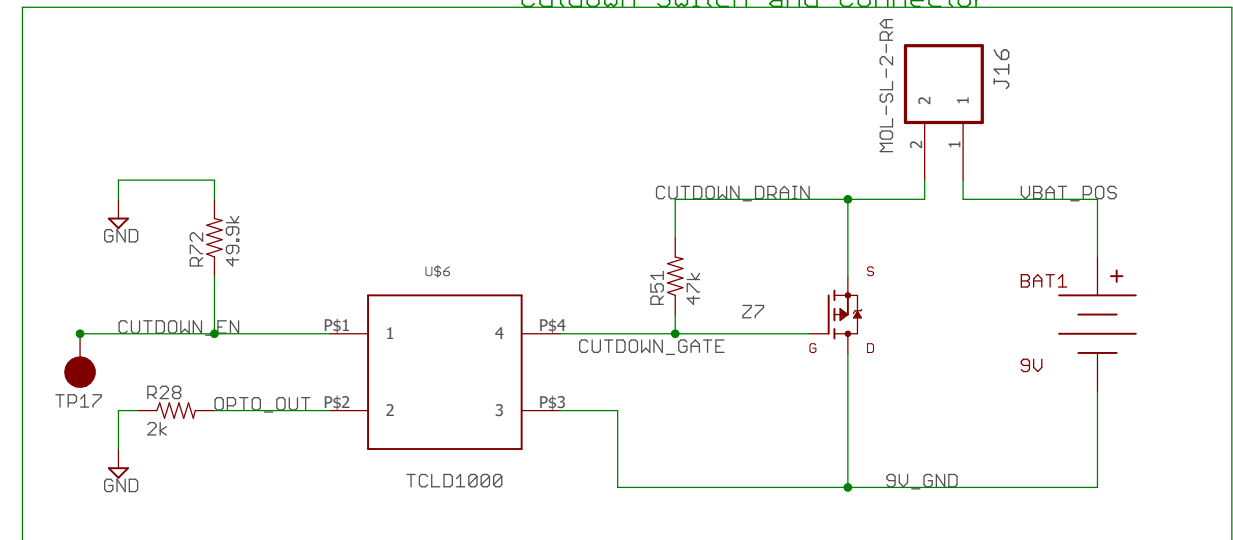
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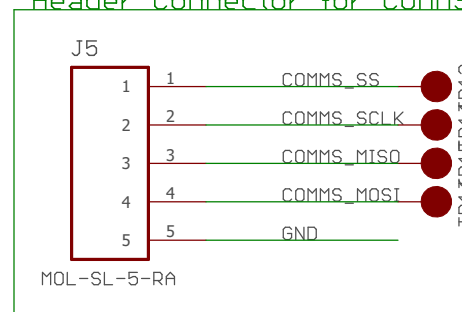
Header Connector for UART\_4



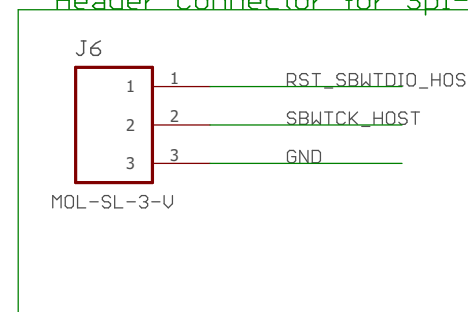
Cutdown Switch and Connector



Header Connector for COMMS SPI

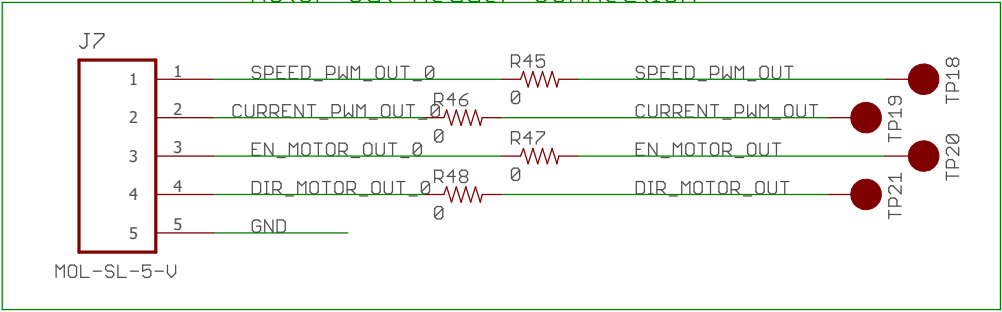


Header Connector for Spi-Bi-Wire

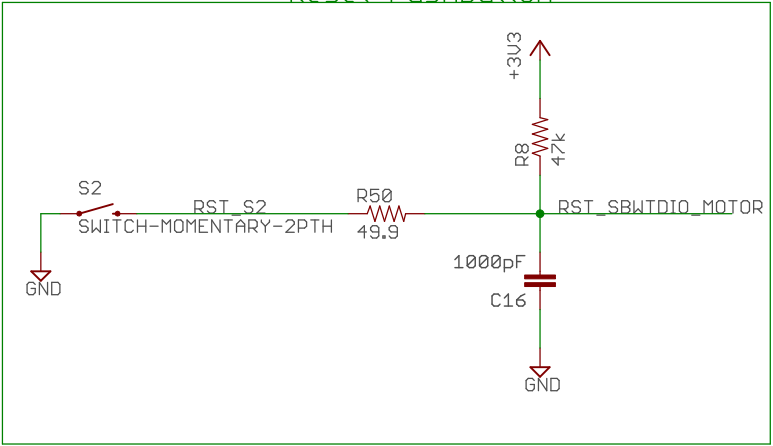


# Motor MSP430 Connectors

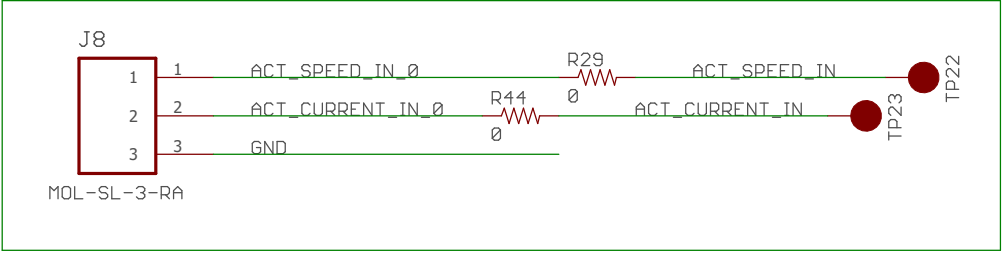
Motor Out Header Connection



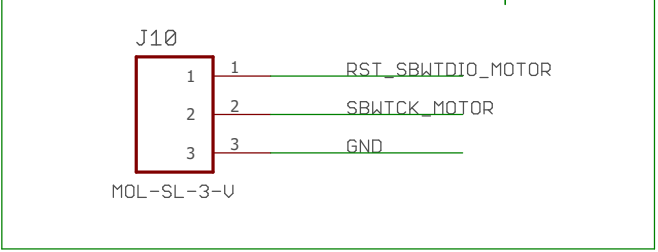
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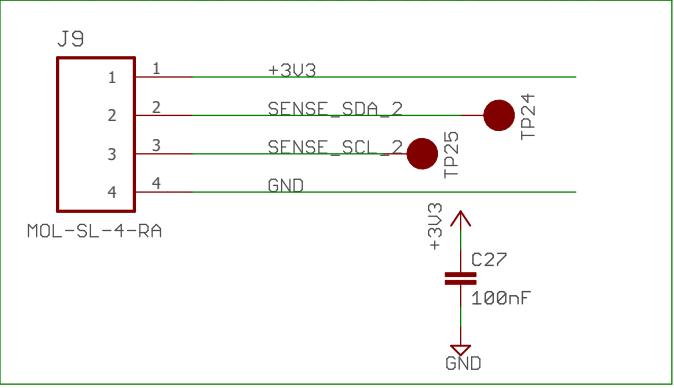
Motor In Header Connection



Header Connector for Spi-Bi-Wire



External I2C Pressure Sensor Header

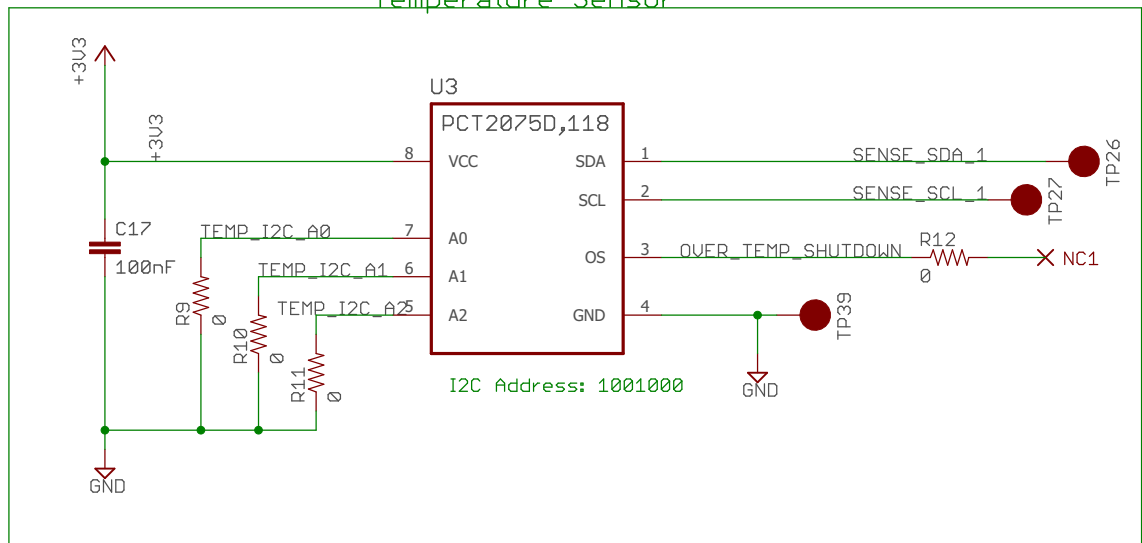


Mounting Holes

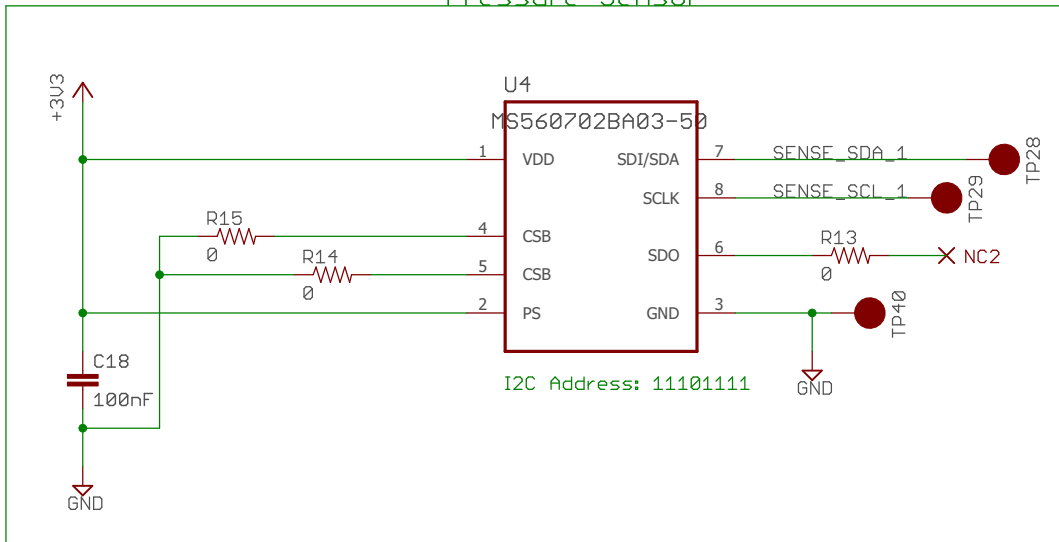


# Sensors and SD Card

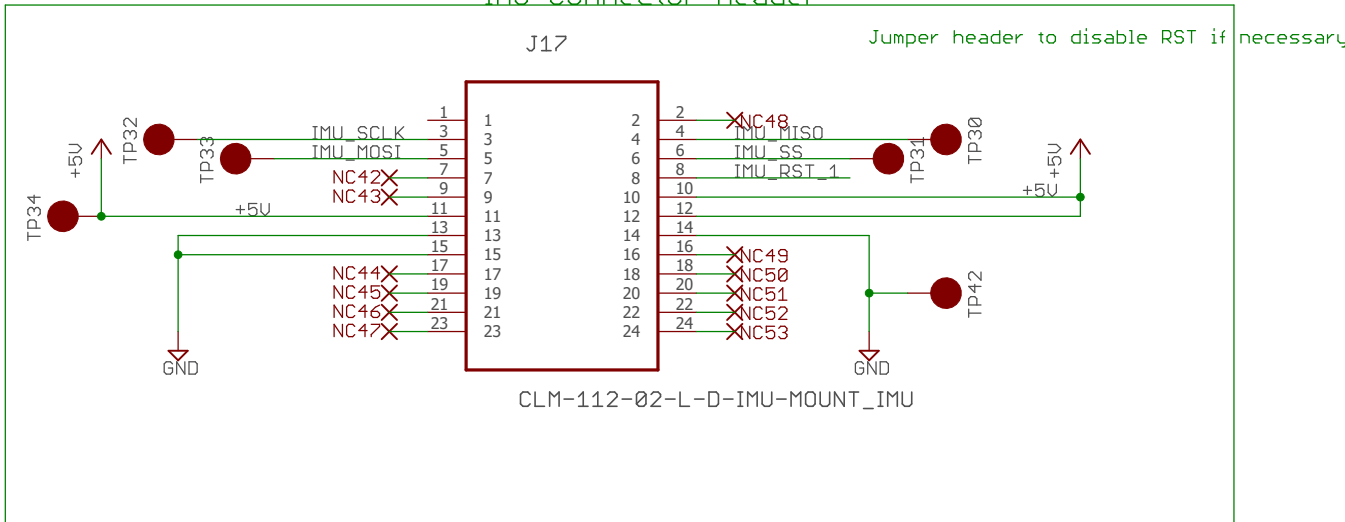
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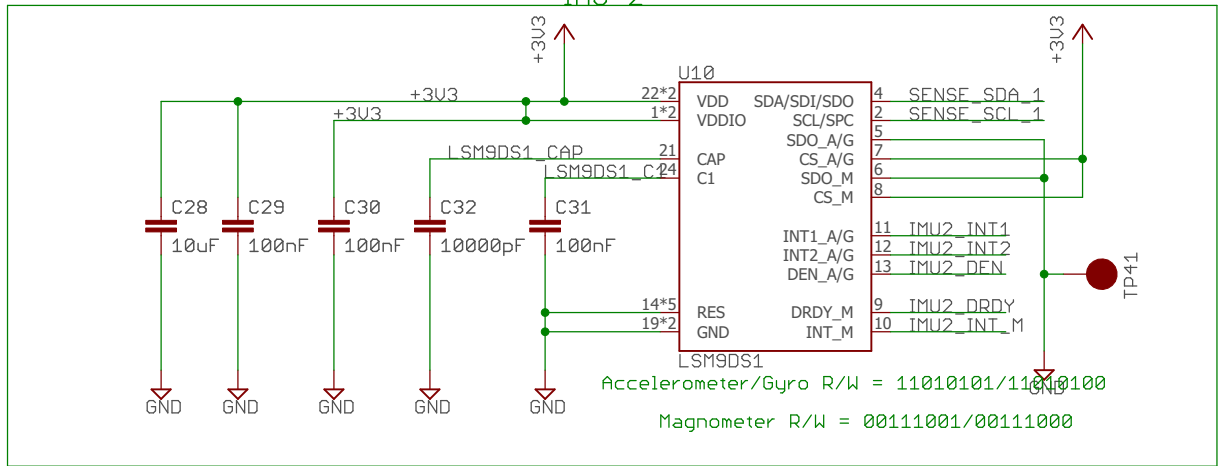
Pressure Sensor



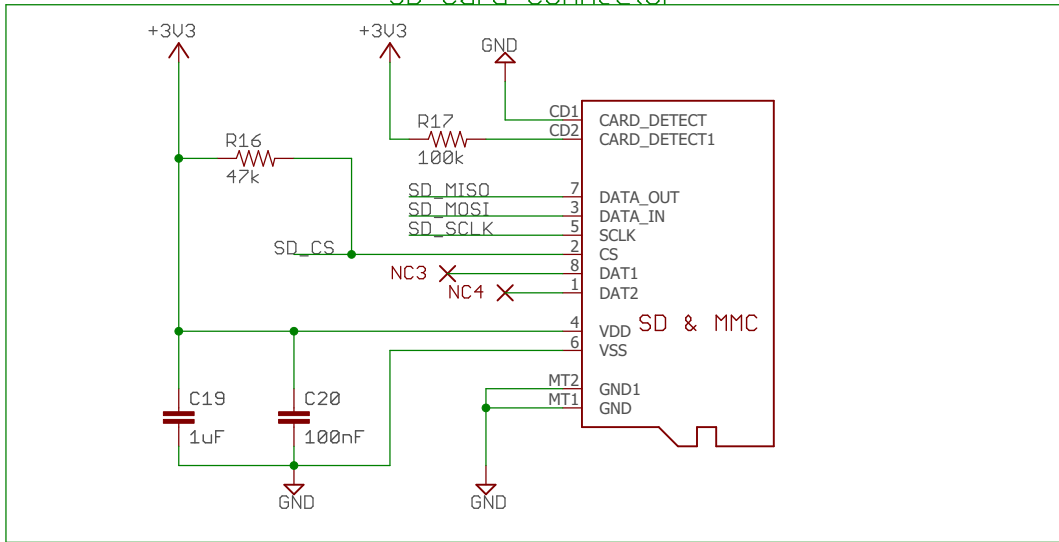
IMU Connector Header



IMU 2



SD Card Connector



[illegible]



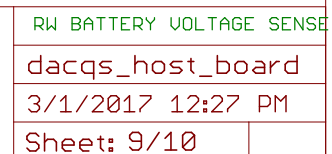
# A



## D



# E



[illegible]