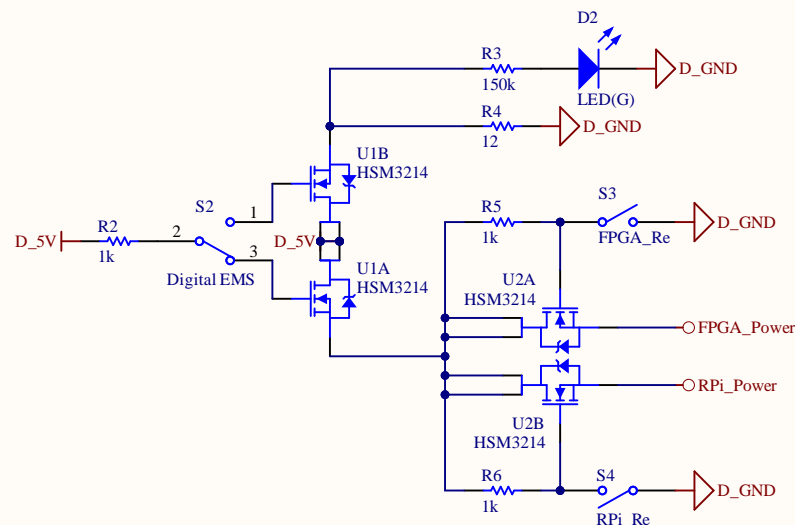


Omni-directional Wheel Mobile Robot Digital Twin Controll and Drive Board

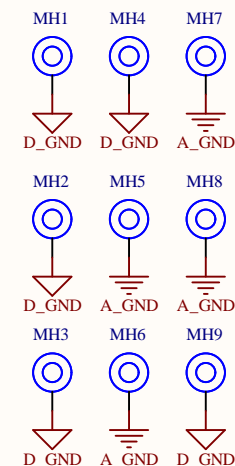
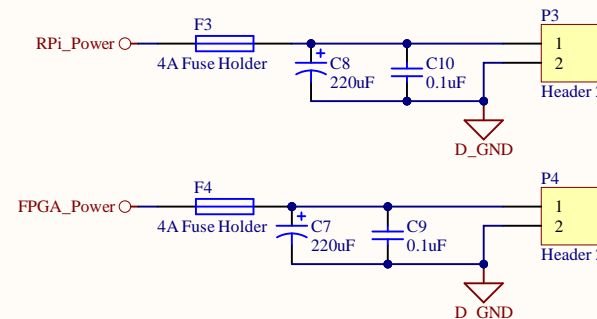
<i>PAGE</i>	<i>CONTENT</i>
01	Cover Page
02	Block Diagram
03	Power
04	IO and Comm
05	Motor Drive Header

Reset & Discharge

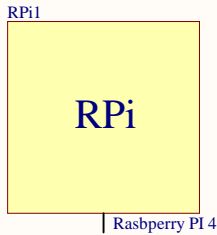
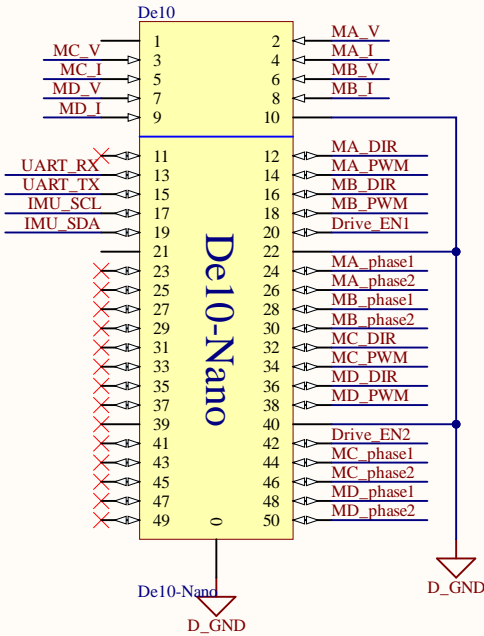
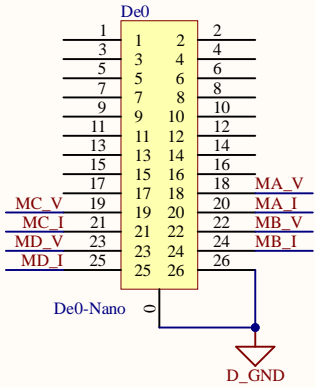
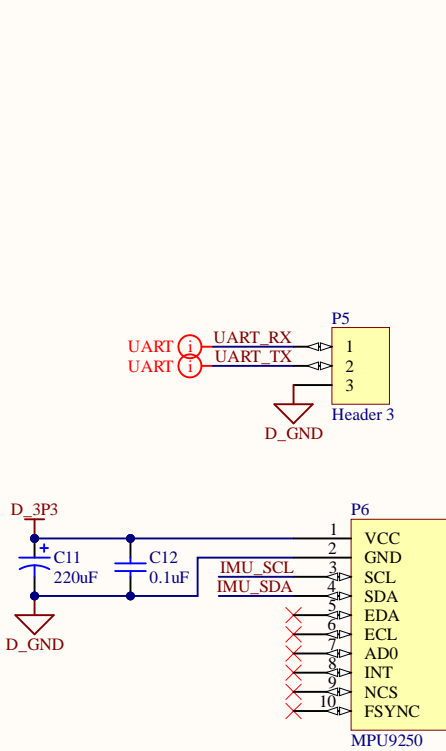


A schematic diagram showing two ground symbols connected by a horizontal line. The left ground symbol is labeled 'A_GND' and the right ground symbol is labeled 'D_GND'. This represents a common ground connection.

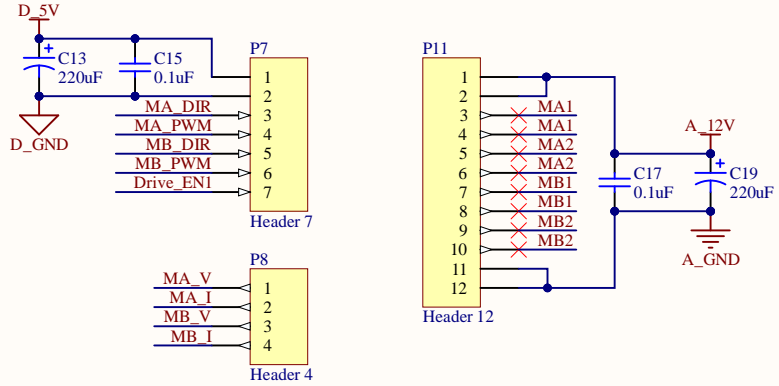
FPGA & RPi Power Input



Title		
Size A4	Number	Revision
Date:	6/06/2023	Sheet of
File:	E:\SourceCode\...\Power.SchDoc	Drawn By:



Motor Driver



Motor Output

