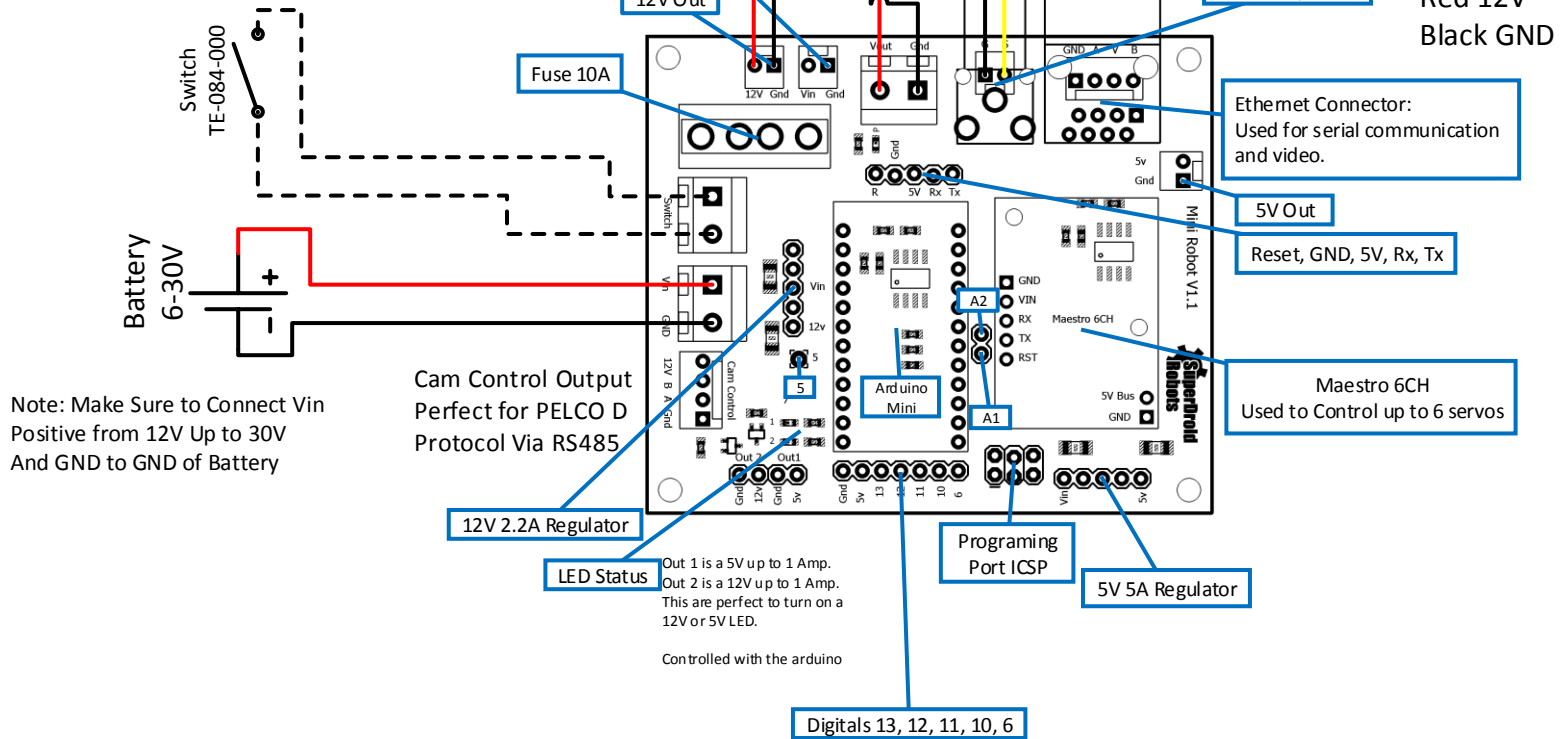


To control a sabertooth you can use packetized serial or RC mode and use the maestro to drive it. If using Packetized serial you can use software serial in any of the not used pins

Switch should be capable of handling the size of the fuse or more



Arduino Pin Out Internal Connections	
Pin	Use
0	Data TX to remote
1	Data RX From remote
2	PTZ Rs485 Enable
3	Software Serial to control Maestro
4	Software serial PTZ Rs485 Tx
5	5V Out 1
6	Not used
7	12V Out 2
8	Status Led 1
9	Status Led 2
10	Not used
11	Not used
12	Not used
13	Not used
A0	Battery Monitor(Vin)
A1	Not used
A2	Not used
A3	To remote Rs485 Enable

Arduino Pin Out Internal Connections	
Pin	Use
0	Data TX to robot
1	Data RX From robot
2	To remote Rs485 Enable
3	Zoom_In
4	Zoom_Out
5	Focus Near
6	Focus Far
7	Select Up
8	Select Down
9	Light
10	Status Led 1
11	Status Led 2
12	Not used
13	Not used
A0	Tilt
A1	Pan
A2	Turn
A3	Drive

