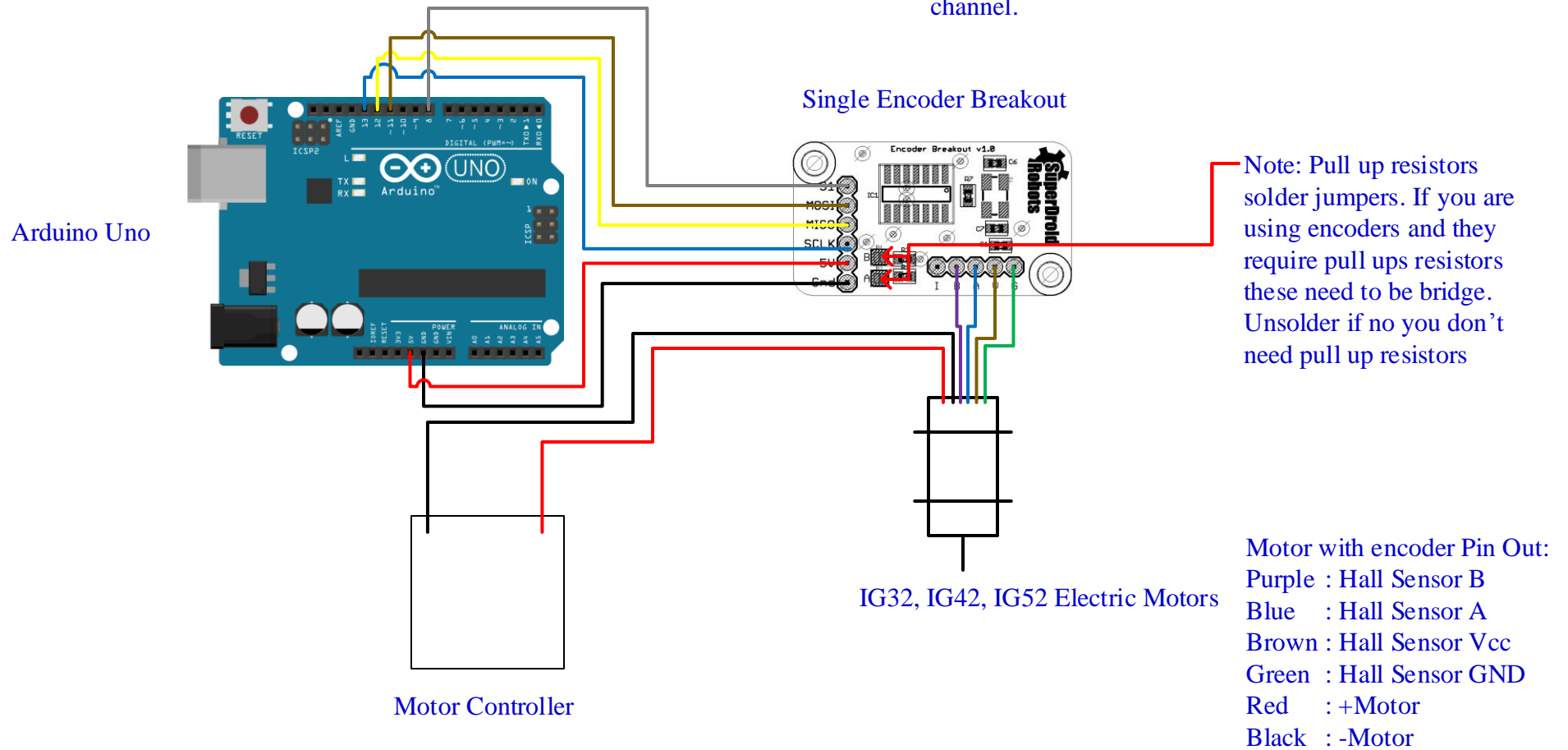


Example code at:
<https://github.com/SuperDroidRobots/Encoder-Buffer-Breakout>

Note: In case encoders are counting the opposite direction you can swap A and B in that channel.

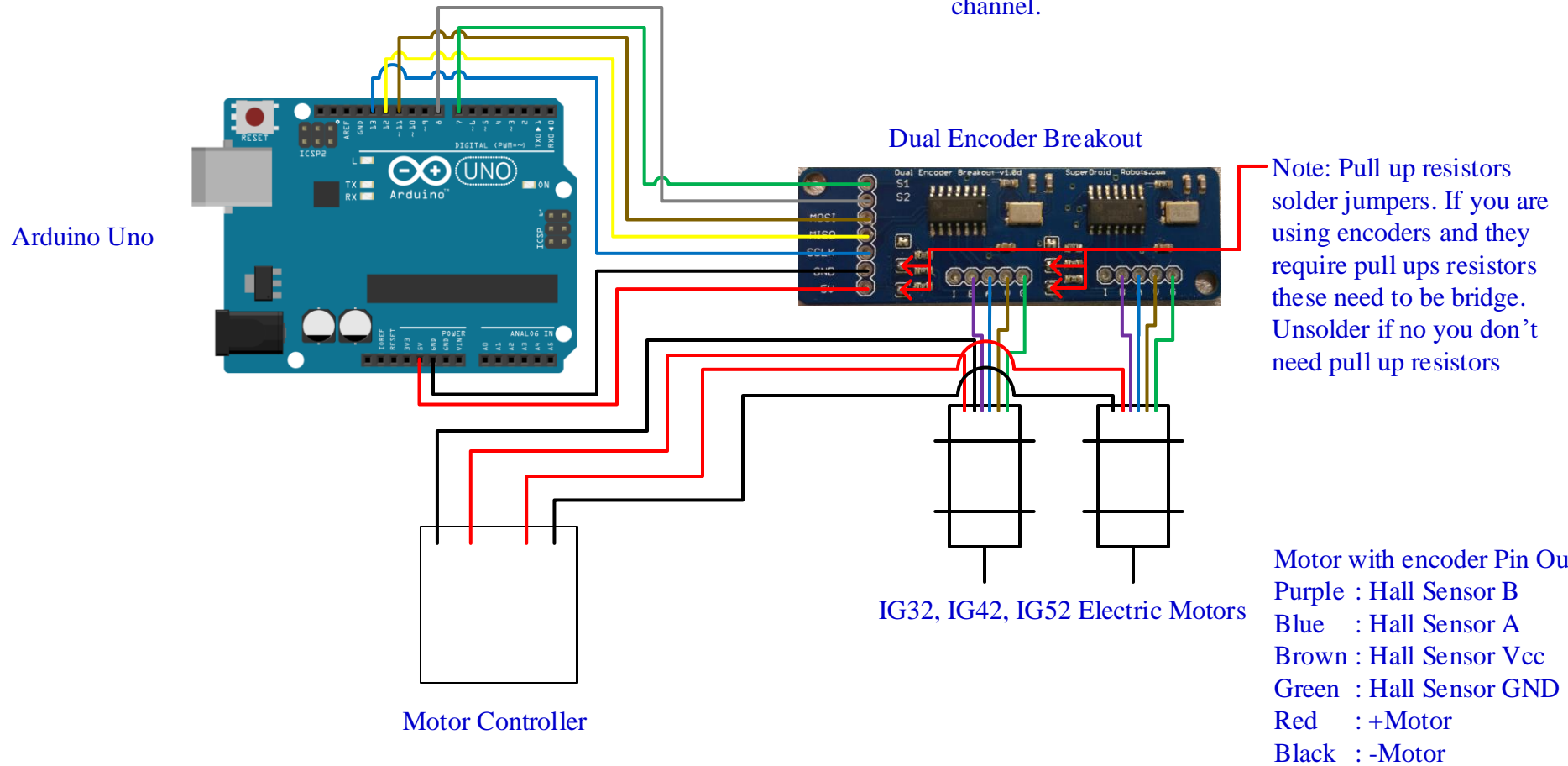


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Single Encoder Breakout

Example code at:
<https://github.com/SuperDroidRobots/Encoder-Buffer-Breakout>

Note: In case encoders are counting the opposite direction you can swap A and B in that channel.



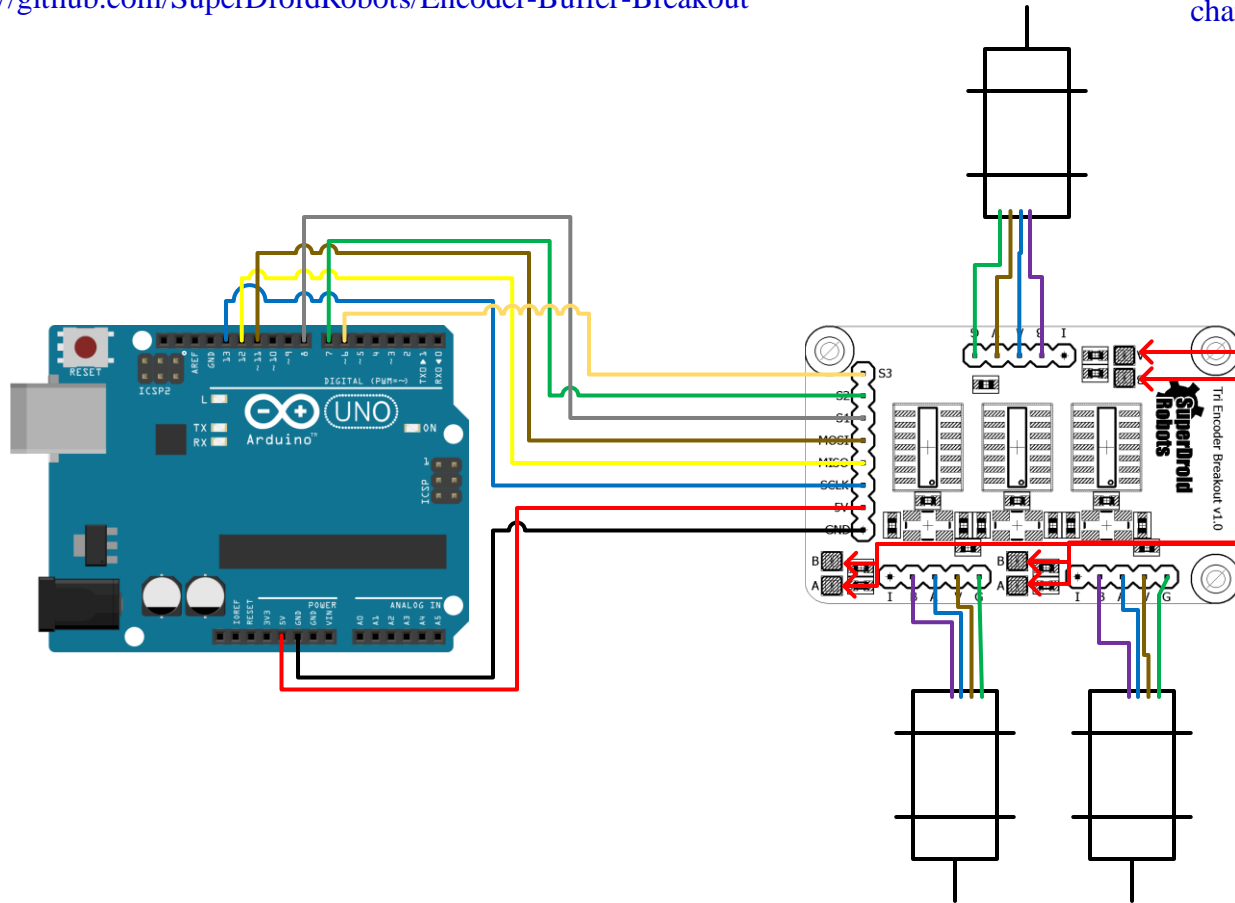
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Dual Encoder Breakout Wiring Diagram

Example code at:
<https://github.com/SuperDroidRobots/Encoder-Buffer-Breakout>

Note: In case encoders are counting the opposite direction you can swap A and B in that channel.

Arduino Uno



Note: Pull up resistors solder jumpers. If you are using encoders and they require pull ups these need to be bridge. Unsolder if no you don't need pull up resistors

IG32, IG42, IG52 Electric Motors

Motor with encoder Pin Out:
 Purple : Hall Sensor B
 Blue : Hall Sensor A
 Brown : Hall Sensor Vcc
 Green : Hall Sensor GND
 Red : +Motor
 Black : -Motor



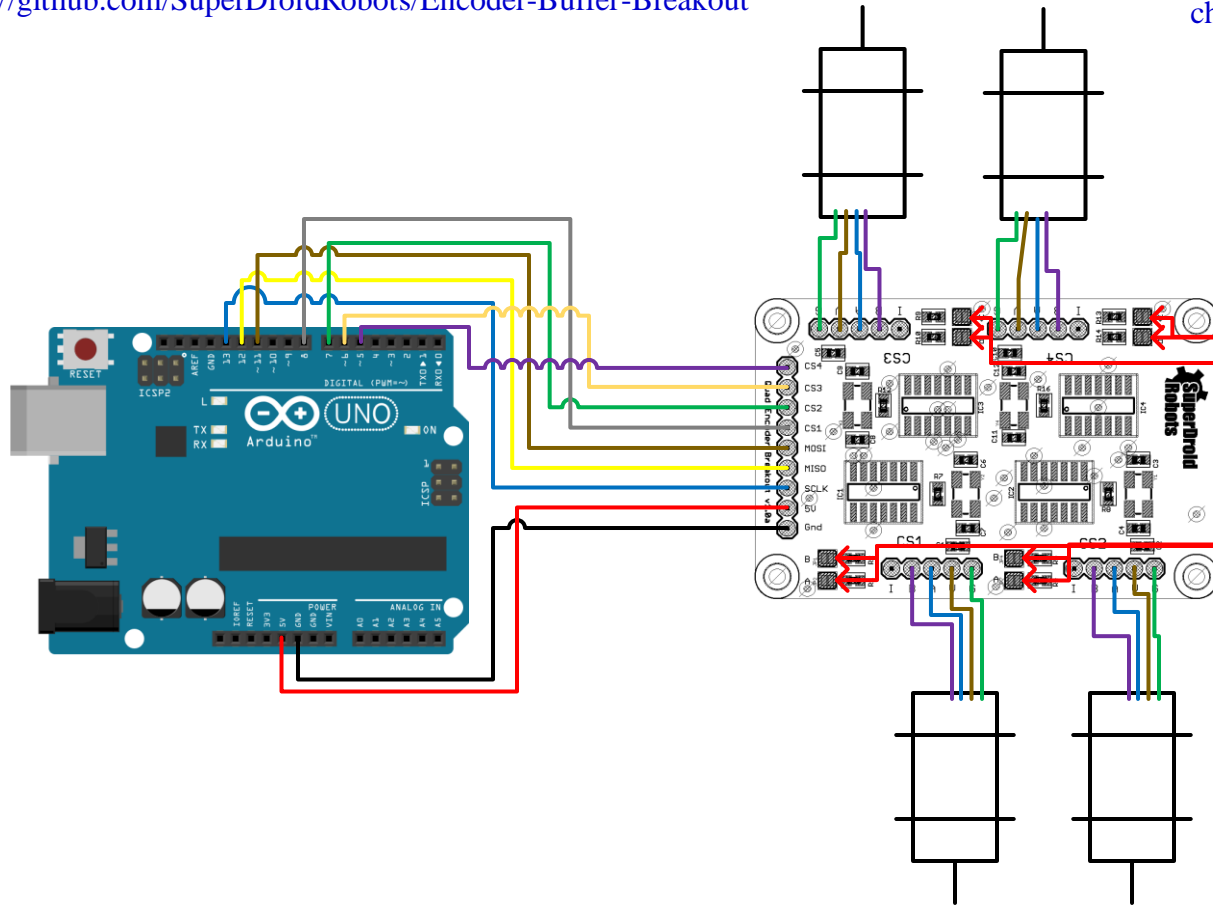
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Tri Encoder Breakout

Example code at:
<https://github.com/SuperDroidRobots/Encoder-Buffer-Breakout>

Note: In case encoders are counting the opposite direction you can swap A and B in that channel.

Arduino Uno



Note: Pull up resistors solder jumpers. If you are using encoders and they require pull ups these need to be bridge. Unsolder if no you don't need pull up resistors

IG32, IG42, IG52 Electric Motors

Motor with encoder Pin Out:
Purple : Hall Sensor B
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Brown : Hall Sensor Vcc
Green : Hall Sensor GND
Red : +Motor
Black : -Motor



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Quad Encoder Breakout