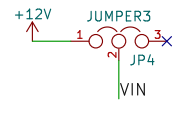
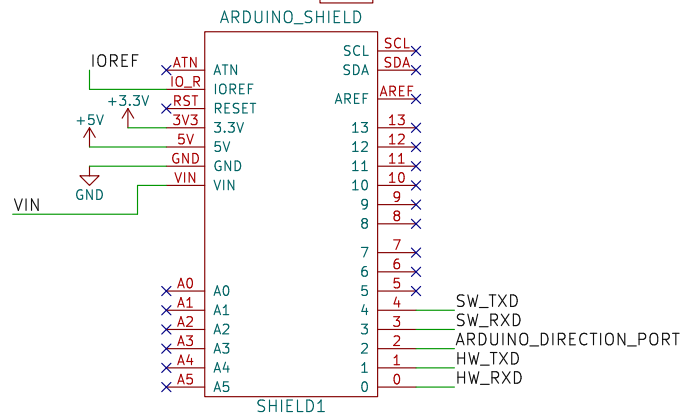


## POWER INPUT AND PROTECTION



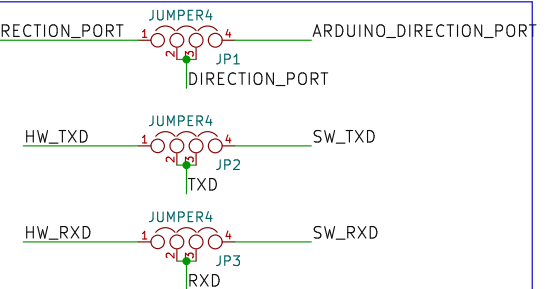
X	MISO	MISO
X	MOSI	MOSI
X	SCK	SCK
X	VCC	VCC



## UART HALF DUPLEX CONVERTER



ARDUINO\_DIRECTION\_PORT 1 2 3 4 ARDUINO\_DIRECTION\_PORT



CONN\_01X03  
P3

3 DIRECTION\_PORT  
2 TXD  
1 RXD

The diagrams show the following connections:

- P4:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.
- P7:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.
- P5:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.
- P8:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.
- P6:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.
- P9:** 12V to pin 1, GND to pin 2, DATA to pin 3. Connector: CONN\_01X03.

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