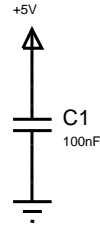
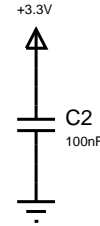


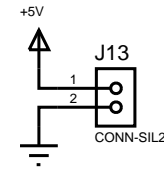
**J1**  
CONN-DIL40  
RPi Connector



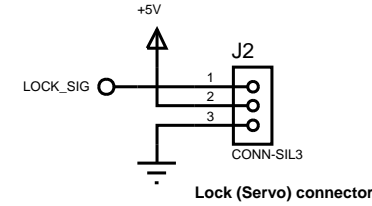
**C1**  
100nF



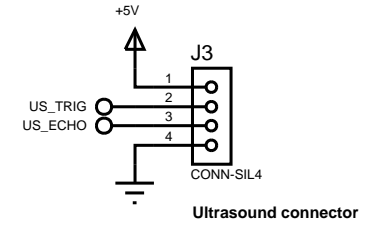
**C2**  
100nF



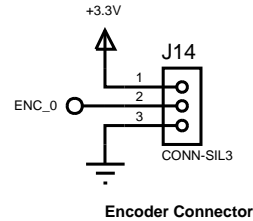
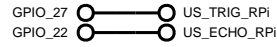
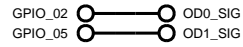
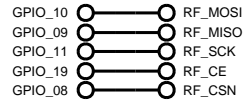
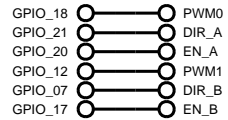
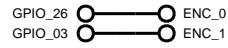
**J13**  
CONN-SIL2



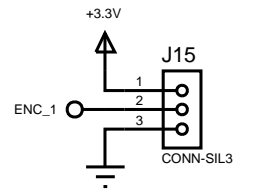
**J2**  
CONN-SIL3  
Lock (Servo) connector



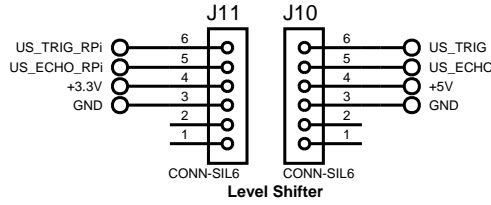
**J3**  
CONN-SIL4  
Ultrasound connector



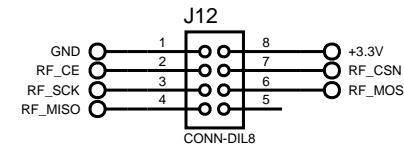
**J14**  
CONN-SIL3  
Encoder Connector



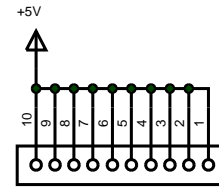
**J15**  
CONN-SIL3  
Encoder Connector



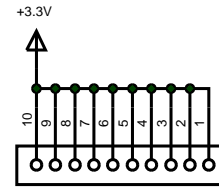
**J11**  
CONN-SIL6  
Level Shifter



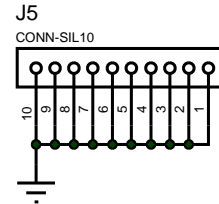
**J12**  
CONN-DIL8  
Radio Connector



**J4**  
CONN-SIL10

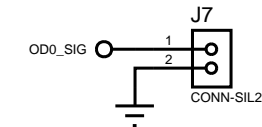


**J6**  
CONN-SIL10

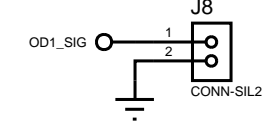


**J5**  
CONN-SIL10

**Power Supply Connectors**

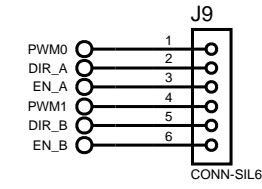


**J7**  
CONN-SIL2



**J8**  
CONN-SIL2

**Object Detector Connector**



**J9**  
CONN-SIL6

**H Bridge Connector**

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BY: Dias, M. G.	REV: A