

2-Cell Lipo Battery

Left encoder  
Right encoder

To stepper motor

To left motor

To right motor

To top XBee Tx

To top XBee Rx

Balance Plug

Power Switch

LM1117

10  $\mu$ F

To XBees

To XBee 4 Tx  
To XBee 3 Tx  
To XBee 2 Tx  
To XBee 1 Tx

DG409DJ+

To XBee 4 Rx  
To XBee 3 Rx  
To XBee 2 Rx  
To XBee 1 Rx

+3.3V

