

Autonomous Flying Robot Components

1. ONE – Arduino Nano ATmega 328 [Buy Here](#)
2. ONE – Lithium Ion 3.7V - 5V 2100mAh Rechargeable Battery [Buy Here](#)
3. ONE – Boost Converter [Buy Here](#)
4. ONE – Mylar Balloon with Helium Gas (36 inch) [Buy Here](#)
5. ONE – Sliding Switch [Buy Here](#)
6. ONE – 8520 Coreless DC Motors [Buy Here](#)
7. ONE – DC Motor Driver (H-bridge L9110S) [Buy Here](#)
8. ONE – Xbee Module or Bluetooth (HC-05)
9. ONE - 9DOF IMU Sensor (Self Balancing) [Buy Here](#)
10. ONE – IR Proximity Sensor (Obstacle Detection) [Buy Here](#)