		Item Description	Datasheet	Implemented
296-28429-5-ND	MSP430	MCU	https://www.li.com/lil/ds/symlink/imsp430g2153.pdf?HQS=dis-dk-null-digikeymode-dsf-pf-null-wwe.8ts=16822774174848ref_url=https:%253A%252F%252Fwww.ti.com%252Fgeneral%252Fdocs%252Fsuppproductinfo.1sp%253Fdistld%253D10%2526gotoUrl%253Dhttps:%253A%252F%252Fwww.ti.com%252Flit%252Fgensp430g215	YES
XB24CZ7SIT-004	XBEE	Radio Module	https://www.digi.com/resources/documentation/digidocs/pdfs/90001500.pdf	YES
672-MAX-8C-0C	UBLOX MAX-8	GPS Module	https://content.u-blox.com/sites/default/files/MAX-8_DataSheet_%28UBX-16000093%29.pdf	NO
6 AA 6-AA 9V Ba	Battery Holder	Power Supply		YES
LM2574N-3.3/NO	LM2574N-3.3/NO	Buck Converter	https://rocelec.widen.net/view/pdf/i/vioa9ibrg/NATLS05789-1.pdf	YES
Part Number	Item Name	Item Description	Datasheet	Implemented
ESP32-WROOM	ESP-32	MCU	https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32d_es	YES
XB24CZ7SIT-004	XBEE	Radio Module	https://www.digi.com/resources/documentation/digidocs/pdfs/90001500.pdf	YES
672-MAX-8C-0C	UBLOX MAX-8	GPS Module	https://content.u-blox.com/sites/default/files/MAX-8_DataSheet_%28UBX-16000083%29.pdf	NO
1528-1062-ND	Stepper Motor	Motor	https://cdn-shop.adafruit.com/product-files/324/C140-A+datasheet.jpg	YES
497-13892-1-ND	LIS3MDLTR	Magnetometer	https://www.st.com/content/coc/resource/technical/document/datasheet/54/2a/85/76/e3/97/42/18/DM00075867_pdf/fices/DM00075867.pdf	NO
DRV8811PWPR	Stepper Driver IC	Stepper Driver IC	https://www.ti.com/il/de/symlink/dr/v8811.pdf?HOS=dis-dis-null-digikeymode-dsf-pf-null-wwe&ts=16822783059458ref_url=https:%253A%252F%252Fwww.ti.com%252Fgeneral%252Fdocs%252Fsuppproductinfo.tsp%253Fdistld%253D10%2526gdobt/t%253Dhttps%253A%252F%252Fwww.ti.com%252Fgin%252Fgon%252Fdocs%252Fsuppproductinfo.tsp%253Fdistld%253D10%2526gdobt/t%253Dhttps%253A%252F%252Fit%252Fgon%252Fit%252Fwww.ti.com%252Fgeneral%252Fdocs%252Fsuppproductinfo.tsp%253Fdistld%253D10%2526gdobt/t%253Dhttps%253A%252F%252Fit%252Fgon%252Fit%252Fgon%252Fdocs%25Fdocs%252Fdocs%253Fdoc	YES
1470-2239-5-ND	DC DC CONVER	Buck, 12V to 5V	https://www.li.com/generalidocs/suppproductinfo.tsp?distid=268qotoUrl=https://www.li.com/lit/qpn/lim2594	YES
LM2575T-3.3/NOPE	DC DC Converte	Buck, 12V to 3.3	https://www.ii.com/fillds/symlink/lm2575-n.pdf?HOS=dis-mous-null-mousermode-dsf-pf-null-wwe&is=1682278341561&ref_url=https%2534%252F%wx.mouser.com%252F	YES
MIC29150-12WT	12V voltage regu	Buck, 12V to 12V	https://www.mouser.com/datasheet/2/268/MIC2915x_30x_50x_75x_High_Current_Low_Dropout_Regu-1889172.pdf	YES
GPy1.0	Pycom	WiFi Module	https://pycom.io/wp-content/uploads/2018/08/gpy-specsheet.pdf	YES
	12 V battery	Power Supply		YES
		Antenna v1		
	Yagi Antenna	Antenna v2	https://www.amazon.com/Tupavoo-TP512-Wi-Fi-Antenna-2-4GHz/dp/B008Z4DNFC/ref=psdc 172504 12 B008Z4I7WQ	
	XB24CZ7SIT-00 672-MAX-8C-0C 672-MAX-8C-0C 6 AA 6-AA 9V Ba LM2574N-3.3/NC Part Number ESP32-WROOM XB24CZ7SIT-00 672-MAX-8C-0C 1528-1062-ND 1528-1062-ND DRV8811PWPR 1470-2239-5-ND MC29150-12WI MC29150-12WI	296-28429-5-ND MSP430 ME24C27SIT-00-VBEE G72-MAX-8G-0-UBLOX MAX-8 6 AG-6A-6 VB Battery Holder LME25FAN-33MC LME25FAN-33MC LME25FAN-33MC LME25FAN-33MC SEE 672-MAX-8G-0C UBLOX MAX-8 1528-1062-ND Stepper Motor 470-73892-1-ND LS3MDLTR DRV9811PWFR Stepper Driver IC LME375F3-31NOWI DC DC CONVER- LME375F3-31NOWI DC DC DC LME375F3- LME375F3-31NOWI DC DC LME375F3- LME375F3-31NOWI DC DC LME375F3- LME375	296-28429-5-ND MSP430	See 2429-5-ND NSP430 NS