ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	reflectorgroundplane	OSHPARK PCB	1
2	RaspberryPiZeroW	RASPBERRY PI ZERO W	1
3	AR9271Chip	WF-NP9202 ATHEROS WIRELESS MODULE	1
4	HelicalAntennaSegments	3D PRINT: ANTENNA BASE (SEGMENT 1)	1
5	Phone&BatteryHolderBasev3	3D PRINT: BASE TO PHONE HOLDER	1
6	90604A199	#8-32 x 1" SCREW	10
7	Phone&BatteryHolderTopv2	3D PRINT: SLIDING PHONE HOLDER	1
8	Phone&BatteryHolderBottomv2	3D PRINT: PHONE AND BATTERY HOLDER	1
9	Handle_V3	3D PRINT: HANDLE	1
10	90480A009	#8-32 HEX NUT	12
11	HelicalAntennaSegments	3D PRINT: ANTENNA SEGMENT 2	1
12	HelicalAntennaSegments	3D PRINT: ANTENNA SEGMENT 3	1
13	HelicalAntennaSegments	3D PRINT: ANTENNA SEGMENT 4	1
14	91565A345	#8-32 X 7" THREADED ROD	2
15	92319A679	NYLON THREADED STANDOFF #8-32 X 2"	1
16	bracket	3D PRINTED BRACKET FOR HANDLE	1
17	93135A015	#2-56 X 3/8" NYLON SCREW	6
18	iphone 6	PHONE FOR USE	1
19	94812A111	#2-56 NYLON HEX NUT	6
20	75 MM U.FL TO U.FL COAX CABLE		1
21	63" OF 20-GAUGE MAGNET WIRE		1
22	MICRO USB TO WIRELESS MODULE CONNECTOR CABLE		1
23	6" USB A TO MICRO B CABLE		1
24	Power Bank	5000mAh BATTERY WITH USB	1
25	1.5" HOOK AND LOOP VELCRO ADHESIVE	FOR BATTERY HOLDER	1
26	FOAM TAPE	FOR PHONE HOLDER	1
27	RUBBER BANDS	FOR PHONE HOLDER	2
28	1/4"-20 HEX NUT	OPTIONAL: FOR TRIPOD MOUNTING	1

Description:
HANDHELD GROUND STATION

PSAS

DWG. NO.
fullassemblysquaregp

REV: i

SIZE: A

SCALE: 1:3

SHEET 1 OF 1