

Digi-Key Corporation  
 Anemometer, BOM  
 Revision: A

Item	Qty	Reference	Part	Value	P/N
1	2	C1,C2	CAP CER 4.7UF 16V X7R 1206	4.7uF	587-1331-1-ND
2	1	C3	CAP CER .1UF 50V 10% X7R 1206	0.1uF	490-1775-1-ND
3	1	C4	CAP 3900PF 50V CERAMIC X7R 1206	3900pF	311-1206-1-ND
4	2	D1,D2	LED TOPLED 570NM GREEN CLR SMD		475-1406-1-ND
5	1	J1	CONN HDR BRKWAY .100 VERT	2 position	A26509-40-ND
6	1	J2	CONN HDR BRKWAY .100 VERT	5 position	Use above
7	5	R1,R2	RES 750 OHM 1/4W 5% 1206 SMD	750 ohm	RHM750ERCT-ND
8	2	SW1, SW2	SWITCH TACT SPST W/O GND SMD		SW1020CT-ND
9	1	U1	CONVERTER DC/DC REG 3.3V 500MA		102-1708-ND
10	1	TB1	TERM BLOCK 2POS SIDE ENT 2.54MM		A98333-ND
11	1	U2	MODULE ZIGBEE-PRO W/RPSMA ANT		602-1180-ND
12	1	U3	IC PIC MCU FLASH 512KX16 20-SOIC		PIC18F14K22-I/SO-ND
13	1	R3,R4	RES 10K OHM 1/4W 5% 1206 SMD	10k ohm	RHM10KERCT-ND
14	1	R5	RES 5.1K OHM 1/4W 5% 1206 SMD	5.1k ohm	RHM5.1KERCT-ND
	2	xbee pro	CONN RECEPT 2MM SINGLE STR 10POS	10 position	S5751-10-ND
	1	Enclosure	BOX NEMA 4 ALUM 2.52X2.28X1.38"		377-1429-ND
	1	Anemometer	ANEMOMETER, #40R (APRS World, LLC)		APRS6504