Designator	MPN	Quantity	Comment
D5	19-217-BHC-ZL1M2RY-3T	1	304090045
D2	19-217-G7C-AN1P2-3T	1	304090043
D3	19-217-Y5C-AM1N1VY-3T	1	304090044
X2	0201AAAG06A	1	http://www.sznan tian.com/sznantia n/EnProductShow. asp?ID=109
ANT1, ANT2	320110048	2	u.FL antenna connector
C6	CC0402JRNPO9BN330	1	302010000
C5	CC0603JRNPO9BN100	1	302010097
C2	CC0603KRX7R8BB105	1	302010139
C4	CC0603KRX7R9BB104	1	302010138
U3	MIC29302WU	1	MIC29302
Q1	MMBT3904LT1G	1	305010013
D1	MMSZ5231BT1G	1	Zener Diode 5.1V
R3, R5	RC0402FR-07330RL	2	301010466
R4	RC0402JR-071KL	1	301010006
R1	RC0603FR-0710KL	1	301010299
R6	RC0603JR-071KL	1	301010291
R2	RC0603JR-074K7L	1	301010290
U1	RFM95W	1	http://www.hoper f.com/rf_transceive r/lora/RFM95W.ht ml
U2	SIM800L LGA	1	http://simcomm2m .com/En/module/d etail.aspx?id=138 SMF05C ESD
D4	SMF05C	1	protection DIODE
C1, C3	TAJC107K016RNJ	2	302020023
USB1	ZX62D-B-5P8	1	320010005