







Designator	Comment	Footprint	Quantity	Supplier 1	Supplier Part Number 1
ANT1	ANT_M620720	M620720	1	Digi-Key	939-1066-6-ND
ANT2	SMA_ThroughHole _RightAngle	Amphenol-132225	1	Digi-Key	ACX2074-ND
C1, C5, C11	10uF	J1-0603	3		
C2, C7	22nF	J1-0603	2		
C3, C6	4.7uF	J1-0603	2		
C4, C8	4.7nF	J1-0603	2		
C9, C12	C-47uF-0805	J1-0603	2	Digi-Key	587-4280-1-ND
C10, C13	C-100pF-0603	J1-0603	2	Digi-Key	1292-1474-1-ND
C14, C17	C-47pF-0402	SM/C 0603		RSComponents	8015369
C15, C18, C28	C-10nF-0603	SM/C_0603		Digi-Key	490-1512-1-ND
C16	C-4.7uF-0805	SM/C_0805		Digi-Key	445-14527-1-ND
C19, C20	C-100nF-0402	SM/C_0603		RSComponents	1349671
C21, C23, C24, C25, C26	C-10pF-0402	SM/C_0402		Digi-Key	712-1253-1-ND
C22	C-1uF-0603	J1-0603	1	Digi-Key	445-1604-1-ND
C27	C-100nF-0603	J1-0603		Digi-Key	445-1316-1-ND
FB1	BLM15AX601SN1D			RSComponents	1048530
IO1, IO2, IO3, IO4,		JIVI/ 0_0003			
VCC1, VCC_PA1	LED-GREEN-0603	SM/D_0603	6	Digi-Key	P11480DKR-ND
K1	74AHC1G04SE-7	SOT65P210X110- 5N	1	Digikey	74AHC1G04SE- 7DICT-ND
K2	FT234XD-T	SON45P300X300X8 0-13N-D	1	Digikey	768-1345-ND
L1, L2	0.47uH	6-0805 L	2		
Q1	USBLC6-2SC6	SOT95P280X145- 6N	1	Digi-Key	497-4492-1-ND
Q2	Module_RF_C1	Module_RF_C1	1		
R1	316k	J1-0603		Digi-Key	P10.0KHCT-ND
R2. R6	100k	J1-0603		Digi-Key Digi-Key	P10.0KHCT-ND
R3, R4, R8, R9, R10, R11	R-1.3k-0603	SM/R_0603		Digi-Key	P1.30KHCT-ND
R5	68k	J1-0603	1	Digi-Key	P10.0KHCT-ND
R7	12k	J1-0603		Digi-Key Digi-Key	P10.0KHCT-ND
R12					1051156
	R-10k-0402	SM/R_0603		RSComponents RSComponents	1755759
R13, R14	R-27R-0402	SM/R_0603			
R15, R16	R-0-0402-1%	SM/R_0402		Digi-Key	311-0.0LBCT-ND
R17	R-10k-0603	SM/R_0603		Digi-Key	P10.0KHCT-ND
R18	R-10k-0603	J1-0603	I	Digi-Key	P10.0KHCT-ND
S1	PTS636 SL43 SMTR LFS	PTS36	1	Digi-Key	CKN12309-1-ND
T1, T2	SC21154AULTRC	SON50P200X60_H S-7N	2	Mouser	947- SC21154AULTRC
X1, X5	Header_2x2_Split	2*2P	2	Digikey	
X2, X3	Header 19X2	HDR2X19	2		
X4	Header 10X1 Female	HDR1X10	1		
X6, X7	Header 8X1_Female	HDR1X8	2		
X8	Header	HDR1X6	1		
V0 V10 V21	6X1_Female	Dogo 1v2	2	Digikov	ED0107 02 ND
X9, X10, X21 X11, X17, X18, X22,	Pogo1x3 Jumper3	Pogo_1x3 1*3P_MALE	5	Digikey	ED8197-03-ND
X23 X12	Header		1		
X12	4X1_Female 2171790001	1*4P_FEMALE 2171790001		Digikey	900-
					2171790001CT-ND
X14	U.FL-R-SMT	U.FL-R-SMT		Digi-Key	H9161CT-ND
X15	Pogo1x7	Pogo_1x7		Digikey	ED8197-07-ND
			1 2	I Diation.	IED0107 O4 ND
X16, X20	Pogo1x4	Pogo_1x4	2	Digikey	ED8197-04-ND