

Item	Quantity	Reference	Value	PCB Footprint	Designation	Manufacturer	REF.Manufacturer
1	4	C1,C3,C7,C21	1uF	c0402	Capacitor, 6.3V, 20%, X5R	MURATA	
2	1	C2	4.7uF	c0402	Capacitor, 6.3V, X5R	TDK	C1005X5R0J475T
3	3	C6,C9,C22	100nF	c0402	Capacitor,CER2,0402,X7R,16V,10%	MURATA	
4	1	C8	470nF	c0402	Capacitor,CER2,0402,X5R,16V,10%		
5	1	C10	NC	c0402	!!!NOT CONNECTED !!!		
6	4	C11,C12,C15,C16	39pF/50V	C0603	Capacitor,CER2,0603,C0G,50V,5%		
7	2	C13,C14	330pF	C0603	Capacitor,CER2,0603,C0G,50V,5%		
8	2	C17,C18	12pF/50V	C0603	Capacitor,CER2,0603,C0G,50V,2%		
9	2	C19,C20	1nF/16V	C0603	Capacitor,CER2,0603,X7R,16V,10%		
10	2	C50,C51	82pF/50V	C0603	Capacitor,CER2,0603,C0G,50V,5%		
11	2	C52,C53	NC	C0603	!!!NOT CONNECTED !!!		
12	2	C54,C55	4.7pF/50V	C0603	Capacitor,CER2,0402,C0G,50V,2%		
13	2	C56,C57	10pF/50V	c0402	Capacitor,CER2,0402,C0G,50V,2%	MURATA	
14	1	J1	bar_2x13_FD_RASPBERRY	bar_2x13_FD_spe_raspberry	Header, Double Row, pitch 2mm54, 2x23	SAMTEC	ESQ-113-33-G-D
15	1	J8	bar_2x23_MD_beaglebone_p8	bar_2x23_spe_beaglebone	Header, Double Row, pitch 2mm54, 2x23	SAMTEC	HTSW-123-07-T-D
16	1	J9	bar_2x23_MD_beaglebone_p9	bar_2x23_spe_beaglebone	Header, Double Row, pitch 2mm54, 2x23	SAMTEC	HTSW-123-07-T-D
17	2	L1,L2	390nH	self_0603	Chip,inductor,SMD,5%,0603	TDK	LQW18ANR39J00
18	1	L104	Antenna	ANTENNA_4T_40x40	***PRINTED BOARD***		
19	2	R1,R2	2K4	R0603	Resistor,Package:0603,1%,1/16W		
20	1	R23	NC	0402r	!!!NOT CONNECTED !!!		
21	2	R24,R32	100K	0402r	Resistor,Package:0402,1%,1/16W		
22	2	R53,R54	NC	R0603	!!!NOT CONNECTED !!!		
23	2	R55,R56	1R5	R0603	Resistor,Package:0603,1%,1/16W		
24	2	R73,R75	0R	R0603	Resistor,Package:0603,1%,1/16W		
25	1	SH1	Shield_27x22mm	SHIELD_27X22		NXP	
26	1	TB1	NC	bar_1x3_MD	!!!NOT CONNECTED !!!		
27	1	TB2	FORK	AGPS1-08-BCZ-1MM3	Remove Header after soldering	ANTELEC	
28	1	TB3	FORK	AGPS1-06-BCZ-1MM3	Remove Header after soldering	ANTELEC	
29	2	TB4,TB9	FORK	AGPS1-08-BSE	Remove Header after soldering	ANTELEC	
30	2	TB5,TB8	FORK	AGPS1-06-BSE	Remove Header after soldering	ANTELEC	
31	1	TB10	FORK	AGPS1-03-BCZ-1MM3	Remove Header after soldering	ANTELEC	
32	2	TB11,TB12	FORK	AGPS1-03-BSE	Remove Header after soldering	ANTELEC	
33	1	U1	PN7120	vfbga49_050_sot1320-1			
34	1	Y1	NX2016AA_27.12Mhz	NX2016AA		NDK	
35	1	1	BUBBLE1	BUBBLE_DIAM8	PN7120_NFC_Controller_Printed_Circuit_Board:OM5577		
36	1	2	BUBBLE2	BUBBLE_DIAM8	BeagleBone_Interface_Printed_Circuit_Board:OM5577		
37	1	3	BUBBLE3	BUBBLE_DIAM8	Raspberry_Pi_Interface_Printed_Circuit_Board:OM5577		
38		4	BUBBLE4(x4)	BUBBLE_DIAM8	SKIFFY:300_3180_000_38_Spacer_Nylon_Female/Female_M3x18		
39		5	BUBBLE5(x4)	BUBBLE_DIAM8	Washer_Z_U_M3_Stainless_Steel		
40		6	BUBBLE6(x4)	BUBBLE_DIAM8	Screw_C_M3x6_Stainless_Steel		