

LocationPlus-A1 PART LIST

No	Location Number	Part Number	Description	Vendor	소요량
					합계
1	CT1,CT2		Tantalum , 47uF, 10V, B, 20%		2
2	CT3,CT4		Tantalum , 10uF, 6.3V, P, 20%		2
3	C36,C39,C41		Ceramic Capacitor, 3.9pF, 1005		3
4	C67		Ceramic Capacitor, 6pF, 1005		1
5	C40,C43,C58		Ceramic Capacitor, 10pF, 1005		3
6	C66,C68		Ceramic Capacitor, 12pF, 1005		2
7	C49		Ceramic Capacitor, 20pF, 1005		1
8	C18,C19		Ceramic Capacitor, 47pF, 1005		2
9	C17,C45,C52,C59		Ceramic Capacitor, 100pF, 1005		4
10	C69		Ceramic Capacitor, 680pF, 1005		1
11	C62		Ceramic Capacitor, 1nF, 1005		1
12	C37,C46		Ceramic Capacitor, 2.2nF, 1005		2
13	C12,C15		Ceramic Capacitor, 8.2nF, 1005		2
14	C44,C60		Ceramic Capacitor, 10nF, 1005		2
15	C11,C13		Ceramic Capacitor, 82nF, 1005		2
16	C6,C10,C14,C16,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C38,C47,C48,C51,C54,C56,C57,C61,C63,C64,C65,		Ceramic Capacitor, 0.1uF, 1005		31
17	C1,C2,C3,C4,C5,C7,C8,C9,C35,C42,C55,C80,C81		Ceramic Capacitor, 1uF, 1005		13
18	C50		Ceramic Capacitor, 10uF, 2012		1
19	FB1,FB2,R53,C76		Chip Resistor, 0, 1005, 5%		4
20	R23		Chip Resistor, 10, 1005, 5%		1
21	R36,R37		Chip Resistor, 33, 1005, 5%		2
22	R24,R41,R43,R45,R46		Chip Resistor, 100, 1005, 5%		5
23	R3,R5,R6,R22		Chip Resistor, 1K, 1005, 5%		4
24	R35		Chip Resistor, 1.5K, 1005, 5%		1
25	R32,R34,R38,R62,R64		Chip Resistor, 10K, 1005, 5%		5
26	R1,R2,R4,R9,R10,R11,R12,R13,R14,R15,R27,R28,R40,R47,R56,R57,R58,R61,R63		Chip Resistor, 100K, 1005, 5%		19
27	R19		Chip Resistor, 1M, 1005, 5%		1
28	R7,R8		Chip Resistor, 3.6K, 1005, 1%		2
29	R29,R33,R59		Chip Resistor, 15K, 1005, 1%		3
30	R25		Chip Resistor, 24.3K, 1005, 1%		1
31	D1	MBR0530T	Schottky Diode, 0.5A, 30V	ONSEMI	1
32	D8	MMSD4148T1G	Switching Diode	ONSEMI	1
33	D2,D6,D9	KDS160E	Planar Diode, ESC Package	KEC	3
34	D4,D5,D7	UR101-IT	Chip LED, Red, 1608	서울반도체	3

35	D10	YG101-IT	Chip LED, Green, 1608	서울반도체	1
36	D11	KDR367E	Schottky Barrier Diode, ESC Package	KEC	1
37	D12	KDZ3.3EV	Zener Diode, 3.3V, ESC Package	KEC	1
38	L1	LPF6025T-330M	Power Inductor, 33uH, 0.5A	ABCO	1
39	L5,L9		Chip Inductor, 2.2nH, 1005, J		2
40	L6,L8		Chip Inductor, 8.2nH, 1005, J		2
41	L7,L10		Chip Inductor, 100nH, 1608, J		2
42	L3		Chip Inductor, 270nH, 1608, K		1
43	Q1	2N3904S	Planar NPN Transistor, SOT23	KEC	1
44	Q2	NTR4501NT1G	Power MOSFET, 20V, 3.2A, Single N-Channel, SOT23	ONSEMI	1
45	SW2	ST1127E	Tact Switch	삼영	1
46	USB_S1		Mini-B USB_Connector	Cheecheen	1
47	ANT1		GPS Patch Antenna (25x25x4)	Jecon	1
48	BT2	MS621F FL11E	Coin Battery, 3V	SII	1
49	U1	S8357B30MA	Step-Up Converter, 3.0V, SOT23-3	SII	1
50	U2,U4,U15	S1112B18	1.8V LDO, SNT6A	SII	3
51	U3,U16	S1112B28	2.8V LDO, SNT6A	SII	2
52	U5	S5L840F	MCU, TQFP	Samsung	1
53	U6	HY27US08121A	NAND Flash, 256Mbit, TSOP	Hynix	1
54	U7	uN3010	GPS Receiver, CSP Package	uNAV	1
55	U8	B7840	SAW Filter	Epcos	1
56	U9,U11	BGA615L7	LNA, TSLP-7	Infineon	2
57	U12	S29AL008D90TFI02	NOR Flash, 8Mbit, TSOP	Spansion	1
58	U13	DSB321SC	TCXO, 19.2MHz, 2.5ppm	KDS	1
59	Y1,Y2	SSP-T7	X'tal, 32.768KHz, 20ppm, 7pF	SII	2
60	PCB		Main PCB, Build-up 6-Layer	BrainTech	1
61			본체 보호 비닐 포장	세원상사	1
62			USB Full-Speed Cable (개별 비닐 포장), White		1
63			Hand-Strap (개별 비닐 포장)	나경콜렉션	1
64			Manual	JLD	1
65			태핑나사		1
66			건전지 연결용 Spring 2종	화성정공	1
67			양면테잎 (Upper Cover와 Window 접착용)	해성산업	1
68			Serial Number Label		1
69			Power Switch 고정용 단면 Tape	해성산업	1
70			사출물 7종 (Upper Case, Lower Case, Battery Cover, Ring Case, Window, Button, USB Cover)	대지산업	1
71			Gift Box	라인포장	1

72			Carton Box		