

Materiel B.O.M.

Electrical

Item	Description	Qty	MFG	Location									
1	Antenna air coil	1		ANT501									
2	Chip Cap 0402 size 1pF +/-0.25pF NP0	1	Panasonic	C502									
3	Chip Cap 0402 size 1p2F +/-0.25pF NP0	1	Panasonic	C506									
4	Chip Cap 0402 size 2pF +/-0.25pF NP0	2	Panasonic	C100	C518								
5	Chip Cap 0402 size 2p2F +/-0.1pF NP0	1	Panasonic	C550									
6	Chip Cap 0402 size 3pF +/-0.25pF NP0	3	Panasonic	C545	C558	C568							
7	Chip Cap 0402 size 3p3F +/-0.25pF NP0	1	Panasonic	C503									
8	Chip Cap 0402 size 4pF +/-0.25pF NP0	5	Panasonic	C529	C541	C548	C549	C573					
9	Chip Cap 0402 size 5pF +/-0.25pF NP0	2	Panasonic	C507	C574								
10	Chip Cap 0402 size 5p6F +/-0.25pF NP0	1	Panasonic	C551									
11	Chip Cap 0402 size 9pF +/-0.25pF NP0	3	Panasonic	C530	C535	C547							
12	Chip Cap 0402 size 10pF +/-5% NP0	1	Panasonic	C24									
13	Chip Cap 0402 size 12pF +/-5% NP0	1	Panasonic	C546									
14	Chip Cap 0402 Size 18pF +/-5% NP0	2	Panasonic	C513	C571								
15	Chip Cap 0402 Size 20pF +/-5% NP0	2	Panasonic	C519	C569								
16	Chip Cap 0402 Size 22pF +/-5% NP0	3	Panasonic	C56	C57	C536							
17	Chip Cap 0402 Size 27pF +/-5% NP0	1	Panasonic	C508									
18	Chip Cap 0402 Size 33pF +/-5% NP0	7	Panasonic	C4	C11	C27	C515	C520	C527	C539			
19	Chip Cap 0402 Size 39pF +/-5% NP0	1	Panasonic	C654									
20	Chip Cap 0402 size 47pF +/-5% NP0	1	Panasonic	C9									
21	Chip Cap 0402 size 68pF +/-5% NP0	1	Panasonic	C607									
22	Chip Cap 0402 size 100pF +/-5% NP0	19	Panasonic	C58	C514	C517	C521	C526	C534	C538	C542	C553	
				C563	C565	C566	C567	C583	C605	C617	C648	C651	
				C577									
23	Chip Cap 0402 Size 150pF +/-5% NP0	2	Panasonic	C501	C528								
24	Chip Cap 0402 size 330pF +/-5% NP0	1	Panasonic	C615									
25	Chip Cap 0402 size 470pF +/-10% X7R	2	Panasonic	C544	C592								
26	Chip Cap 0402 size 560pF +/-10% X7R	2	Panasonic	C623	C655								
27	Chip Cap 0402 size 820pF +/-10% X7R	1	Panasonic	C602									
28	Chip Cap 0402 size 1nF +/-10% X7R	17	Panasonic	C6	C8	C14	C15	C17	C18	C19	C20	C26	
				C49	C505	C509	C511	C525	C557	C611	C631		
29	Chip Cap 0402 Size 1n5F +/-10% X7R	2	Panasonic	C21	C578								
30	Chip Cap 0402 Size 4n7F +/-10% X7R	3	Panasonic	C554	C590	C657							
31	Chip Cap 0402 Size 5n6F +/-10% X7R	1	Panasonic	C656									
32	Chip Cap 0402 size 10nF +/-10% X7R	6	Panasonic	C1	C37	C504	C516	C601	C639				
33	Chip Cap 0402 size 18 nF +/-10% X7R	1	Panasonic	C588									
34	Chip Cap 0402 Size 22nF +/-10% X7R	5	Panasonic	C7	C589	C603	C612	C613					
35	Chip Cap 0402 Size 82nF +/-10% X7R	1	Panasonic	C643									
36	Chip Cap 0402 Size 100nF +80%/-20% Y5V	15	Panasonic	C5	C16	C22	C25	C510	C523	C540	C555	C561	
				C564	C576	C586	C600	C626	C635				
37	Chip Cap 0805 size 100nF +/-10% X7R	1	Panasonic	C591									
38	Chip Cap 0402 size 220nF +80%/-20% Y5V	1	Panasonic	C585									
39	Chip Cap 0402 size 470nF +80%/-20% Y5V	2	Panasonic	C579	C580								
40	Chip Cap 0402 size 470nF +/-10% X5R	1	Panasonic	C556									
41	Chip Cap 0402 size 1uF +80%/-20% Y5V	8	Panasonic	C12	C23	C575	C582	C610	C622	C649	C650		
42	Chip Variable Cap. 2p - 7pF NP0 (TZ03Z070N169)	1	Murata	VC501A									
43	Chip Cap. 1206 size 10uF +80%/-20% Y5V	1	Panasonic	C522									
44	Chip Cap. 0805 size 10uF +80%/-20% Y5V	3	Panasonic	C543	C632	C637							
45	Elect. Cap. 10uF +/-20% 3mmDIA x 5mmH 10V	1		C606									
46	Elect. Cap. 47uF +/-20% 4mm DIA x 5mm H 10V	2		C3	C638								
47	Elect. Cap. 220uF +/-20% 6.3mm DIA x 6mm H 6.3V	1		C634									
48	Chip Pin Diode BA592 SOD323 (=1SS314)	4	InfIneon	D501	D502	D504	D514						
49	Chip Diode 1PS76SB10 SOD323 (=1SS367)	2	Philips	D4	D12								
50	Chip Diode BAS316 SOD323 (=1N4148WS)	1	Philips	D1									
51	Chip Variable Cap. Diode BB535 SOD323 (=1SV214)	1	InfIneon	D503									
52	Chip inductor 0603 size 4n7H +/-0.3N (Darfon HI16084N7SB)	1	Darfon	L504									
53	Chip inductor 0603 size 10nH +/-5% (Darfon HI160810NJB)	2	Darfon	L510	L511								
54	Chip inductor 0603 size 12nH +/-5% (Darfon HI160812NJB)	1	Darfon	L2									
55	Chip inductor 0603 size 15nH +/-5% (Darfon HI160815NJB)	1	Darfon	L508									
56	Chip inductor 0603 size 22nH +/-5% (Darfon HI160822NJB)	2	Darfon	L501	L503								
57	Chip inductor 0603 size 27nH +/-5% (Darfon HI160827NJB)	2	Darfon	L502	L513								
58	Chip inductor 0603 size 47nH +/-5% (Darfon HI160847NJB)	1	Darfon	L509									
59	Chip inductor 0603 size 100nH +/-5% (Darfon HI1608R10JB)	1	Darfon	L506									
60	Chip inductor 0805 size 2u2H +/-10%	1	Panasonic	L505									
61	Chip Air Coil 1.0 x 0.3 x 4T	1		L507									
62	Chip Air Coil 1.0 x 0.4 x 4T	1		L515									
63	Chip Resistor 0402 size 0R	2	Panasonic	R12	R100								
64	Chip Resistor 0603 size 0R	1	Panasonic	L512									
65	Chip Resistor 0402 size 10R +/-5%	1	Panasonic	R44									
66	Chip Resistor 0402 size 22R +/-5%	3	Panasonic	R8	R60	R606							

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Reference Number : ADBOM-

Prepared by (製作人): Chi

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67	Chip Resistor 0402 size 220R +/-5%	2	Panasonic	R18	R618								
68	Chip Resistor 0402 size 330R +/-5%	2	Panasonic	R51	R503								
69	Chip Resistor 0402 size 390R +/-5%	1	Panasonic	R621									
70	Chip Resistor 0402 size 470R +/-5%	2	Panasonic	R524	R624								
71	Chip Resistor 0402 size 680R +/-5%	1	Panasonic	R16									
72	Chip Resistor 0402 size 820R +/-5%	1	Panasonic	R47									
73	Chip Resistor 0402 size 1K +/-5%	7	Panasonic	R2	R5	R6	R7	R50	R509	R615			
74	Chip Resistor 0402 size 1K2 +/-5%	2	Panasonic	R512	R505								
75	Chip Resistor 0402 size 1K5 +/-5%	1	Panasonic	R1									
76	Chip Resistor 0402 size 1K8 +/-5%	1	Panasonic	R48									
77	Chip Resistor 0402 size 2K +/-5%	1	Panasonic	R49									
78	Chip Resistor 0402 size 2K2 +/-5%	7	Panasonic	R11	R30	R119	R544	R550	R602	R609			
79	Chip Resistor 0402 size 3K +/-5%	1	Panasonic	R514									
80	Chip Resistor 0402 size 3K9 +/-5%	2	Panasonic	R14	R521								
81	Chip Resistor 0402 size 4K7 +/-5%	7	Panasonic	R13	R33	R35	R46	R515	R516	R593			
82	Chip Resistor 0402 size 5K6 +/-5%	2	Panasonic	R9	R510								
83	Chip Resistor 0402 size 6K8 +/-5%	7	Panasonic	R3	R39	R513	R551	R607	R613	R620			
84	Chip Resistor 0402 size 8K2 +/-5%	2	Panasonic	R40	R630								
85	Chip Resistor 0402 size 10K +/-5%	7	Panasonic	R31	R501	R519	R525	R557	R612	R619			
86	Chip Resistor 0402 size 11K +/-5%	1	Panasonic	R614									
87	Chip Resistor 0402 size 12K +/-5%	1	Panasonic	R548									
88	Chip Resistor 0402 size 15K +/-5%	2	Panasonic	R22	R584								
89	Chip Resistor 0402 size 18K +/-5%	1	Panasonic	R541									
90	Chip Resistor 0402 size 22K +/-5%	3	Panasonic	R608	R617	R631							
91	Chip Resistor 0402 size 47K +/-5%	7	Panasonic	R15	R19	R25	R32	R34	R42	R518			
92	Chip Resistor 0402 size 68K +/-5%	1	Panasonic	R38									
93	Chip Resistor 0402 size 100K +/-5%	10	Panasonic	R4	R17	R20	R21	R23	R36	R37	R506	R585	
94	Chip Resistor 0402 size 120K +/-5%	1	Panasonic	R586									
95	Chip Resistor 0402 size 150K +/-5%	2	Panasonic	R502									
96	Chip Resistor 0402 size 270K +/-5%	1	Panasonic	R26	R507								
97	Chip Resistor 0402 size 300K +/-5%	2	Panasonic	R504									
98	Chip Resistor 0402 size 300K +/-5%	2	Panasonic	R517	R523								
99	Chip Resistor 0402 size 330K +/-5%	1	Panasonic	R600									
100	Chip Resistor 0402 size 360K +/-5%	1	Panasonic	R603									
101	Chip Resistor 0402 size 470K +/-5%	6	Panasonic	R10	R511	R522	R558	R594	R599				
102	Chip Resistor 0402 size 680K +/-5%	2	Panasonic	R508	R552								
103	Chip Resistor 0402 size 1M +/-5%	3	Panasonic	R43	R520	R543							
104	Chip Resistor 0402 size 820K +/-1%	1	Panasonic	R566									
105	Chip Resistor 0402 size 1M2 +/-1%	1	Panasonic	R567									
106	Thermistor 22R @ 25 degC 0402 size (Panasonic ERTJ0EA220J)	1	Panasonic	TR501									
107	Chip LED 0805 Yellow	2		D2	D8								
108	Chip transistor 2SC4226 SOT323	2		Q507	Q508								
109	Chip transistor THN6501U SOT323	7	Tachyonics	Q1	Q4	Q9	Q10	Q501	Q502	Q504			