KCard2 Ver.1 BOM 20150722

Item	Quantity	Reference	Part Spec.	PCB Footprint	Note
1	4 --> 3	~~C1~~,C11,C17,C19	1uF/0201/X7R/16V	C0201	
2	1	C1	220pF/0201/X7R/16V	C0201	if no 220pF, leave C1 NC
3	2	C2,C9	8pF/0201/NPO/25V	C0201	
4	9	C3,C4,C5,C6,C15,C18,C22,C29,C47	4.7uF/0402/X7R/16V	C0402	
5	1	C10	10uF/0402 (for 2nd SMT, 4.7uF/0402/X5R/10V ok)	C0402	if no 10uF, 4.7uF is also ok
6	16	C13,C14,C16,C21,C26,C30,C32,C37,C38,C39,C40,C41,C42,C43,C44,C45	0.1uF/0201/X7R/16V	C0201	
7	1	C31	22pF/0201/NPO/25V	C0201	
8	1	C36	~~1.5pF/0201/NPO/25V~~ --> 0.7pF/0201/NPO/25V	C0201	若沒有0.7pf, 就先用1.5pF/0201/NPO/25V
9	1	L1	0R/0402/F	L0402	
10	1	R1	10K/0201/J	R0201	
11	1	R2	510K/0201/J	R0201	
12	4	R3,R25,R28,R29	0R/0201/J	R0201	
13	11	R5,R6,R7,R8,R9,R10,R12,R13,R15,R16,R20	47k/0201/J	R0201	
14	1	R18	100R/0201/J	R0201	
15	1	R21	49.9R/0201/J	R0201	
16	1	R24	100K/0201/J	R0201	
17	1	U1	SPG101C1C-ZB	BGA144	
18	1	U2	Atheros AR6005	LGA44	
19	1	U4	RP114K181D-TR (AP7341D-18FS4-7; MIC5502-1.8YMT; NCP114AMX180TCG)	DFN(PLP)1010-4	() is 2nd source
20	1	U5	Chip Antenna/H2U34WGTQW0100_unictron	SMDX2	
21	1	Y1	24MHz/3225(or 2016)/30ppm	Y2016	
22	1	uSD1	TF_connector/PTFAT2-08FLBS120	MICRO-SD-1_1	
23	**1**	**PCB**	**DL-Tek PCB_2Layer_0.2mm**		

以下為金手指, 測試點及不上件零件

Item	Quantity	Reference	Part Spec.	PCB Footprint	Note
7	3	C20,C24,C46	NC/4.7uF/0402	C0402	
9	1	C33	NC/1nF/0201	C0201	
10	1	C34	NC/0201	C0201	
18	2	R11,R14	NC/47K/0201	R0201	
21	4	R22,R23,R26,R27	NC/0R/0201	R0201	
1	1	CON1	SD_Goldfinger	GOLDFINGER-M	
23	5	TP1,TP2,TP3,TP4,TP5	Testpin_127	TP	
11	1	C35	NC/3.3pF/0201	C0201	