

SynerTech						
Item name : 315MHz wireless remote control switch with two outlets			BILL OF MATERIALS		Electrical assembly : approval :	
Model NO :				mechanical assembly : approval :		
Project NO : ST-2545				NO. : Date : 2011/05/28		
Product NO: 1PST25450A1B4				approval Version : A/0		
Item	P/N	name	Description	Qty PCS	Reference	
一.Project P/N : 1PST25450A1B4			Customer :			
二.Product P/N : 2AS254501A1B4						
	2CJ254503A1B4	Sending unit (Parts)				
1	2PB1BST232900	PCB	55MM*33MM DS thick:1.2MM FR4	1		
2	2MT03ST254500	antenna	Φ0.5*Φ8.0mm*Φ9.0*8.5T Ni	1	RF Mold	
3	3TG05X500G000	metal plate	Φ5mm push button metal plate	1		
4	3DP0IN4148000	Schottky diode	IN4148 1/2W LL34	6	D1 D2 D3 D4 D5 D6	
5	3MP2SC3356000	PNP Transister	2SC3356	2	Q1 Q3	
6	3RC103J110030	Resistor	0603 10K 1/10W ±5%	5	R7 R8 R9 R6 R2	
7	3RC223J018050	Resistor	0805 22K 1/8W ±5%	1	R5	
8	3RC150J110030	Resistor	0603 15Ω 1/10W ±5%	1	R10	
9	3RC275J110030	Resistor	0603 2.7M 1/10W ±5%	1	R4	
10	3RC473J110030	Resistor	0603 47K 1/10W ±5%	1	R11	
11	3RC000J018050	Resistor	0805 000Ω 1/8W ±5%	1	D10	
12	3RC512J110030	Resistor	0603 5.1K 1/10W ±5%	1	R1	
13	3RC621J110030	Resistor	0603 620Ω 1/10W ±5%	1	R3	
	3RC000J116020	Resistor	0402 000Ω 1/16W ±5%	16	waiting for the notice of R&D	
14	3CP1R2J50003K	capacitor	0603 1.2PF/50V ±0.25PF (TDK)	1	C40	
15	3CP100J50003K	capacitor	0603 10PF/50V ±0.5PF (TDK)	1	C14	
16	3CP102J50003K	capacitor	0603 1000PF/50V ±5% (TDK)	2	C1 C9	
17	3CP104K50003K	capacitor	0603 0.1UF/50V ±10% (TDK)	1	C4	
18	3CP003J50003K	capacitor	0603 3PF/50V ±0.25PF (TDK)	2	C13 C41	
19	3CP330J50003K	capacitor	0603 33PF/50V ±5% (TDK)	1	C11	
20	3CL333J000C30	capacitor	0603 33NH ±5%	1	L1	
21	3CP040J50003K	capacitor	0603 4PF/50V ±0.25PF (TDK)	1	C5	
22	3CP005J50003K	capacitor	0603 5PF/50V ±0.25PF (TDK)	1	C2	
23	3CL473J000C30	inductor	0603 47NH ±5%	1	L2	
24	3CL100J000C30	inductor	0603 10NH ±5%	1	L3	
25	3CL001J000C30	inductor	0603 1NH ±5%	1	L4	
26	3IC0GS52110G0	IC	CS52110G0 JBAU1L	1	IC1	
27	3CS3150000100	DIP Crystal	315MHZ F11	1	X1	
28	3MPKTC8550230	PNP Transister	KTC8550S SOT-23	1	Q2	
29	3DLR03002SC11	high efficiency diode	LED Φ3mm	1	LED1	
30	2PT0617340000	PET sheet	22X7.8X0.1mmPET 94.VO	1		
31	3BS120LR23A00	bettery	12V LR23A NOVACELL	1		
	2CA254502A1B4	contrllor unit (parts)				
1	2PT0423290000	controllor cover	ABS-PA757	1		
2	2PT0523290000	controllor base	ABS-PA757	1		
3	2PT0623290000	controllor battery cover	ABS-PA757	1		
4	2PT0723290000	controllor button	ABS-PA757(7PCS/1SET)	1		
5	2MT01ST173500	Battery Contact "+"	stainless steel 304	1		
6	2MT02ST173500	Battery Contact "-"	stainless steel 304	1		
7	4SC2606221AE1	screw	PB Φ2.6x6mm philips head	2	fixed the controllor cover 2PCS	
	2PA254501A1B2	Product packing unit (parts)		1		
1	2PT13900000000	Green insert	color green PP	2	(indoor)	
2	4SC3525222DE1	screw	PA Φ3.5x25mm philips head	2	(indoor)	
		According to the MO				
		Product other parts unit		1		
		According to the production				
		~~~~~END~~~~~				