

Model No. : TX_CTRL

Revision : 1.2

Circuitry Revision : Wireless Control V2.3.sch

Date (日期) : 8-Dec-09

Reference Number : BOM-

Prepared by (製作人) :

Materiel B.O.M.

Electronical PARTS

Item	Description	Qty	MFG	Location					
				C28	C35	C34	C32	C30	C36
1	Chip Cap 0603 size 1pF +/-0.25pF NP0	1							
2	Chip Cap 0603 size 1p2F +/-0.25pF NP0	1							
3	Chip Cap 0603 size 2pF +/-0.25pF NP0	1							
4	Chip Cap 0603 size 4pF +/-0.25pF NP0	1							
5	Chip Cap 0603 size 6pF +/-0.25pF NP0	1							
6	Chip Cap 0603 size 13pF +/-5% NP0	1							
7	Chip Cap 0603 size 18pF +/-5% NP0	1							
8	Chip Cap 0603 size 27pF +/-5% NP0	2							
9	Chip Cap 0603 size 100pF +/-5% NP0	3							
10	Chip Cap 0603 size 1nF +/-10% X7R	6							
11	Chip Cap 0603 Size 103nF +80%/-20% Y5V	3							
12	Chip Cap 0603 Size 1uF +80%/-20% Y5V	3							
13	Chip Resistor 0603 size 47R +/-5%	1							
14	Chip Resistor 0603 size 82R +/-5%	1							
15	Chip Resistor 0603 size 4K7 +/-5%	2							
16	Chip Resistor 0603 size 27K +/-5%	1							
17	Chip Resistor 0603 size 47K +/-5%	4							
18	Chip Resistor 0603 size 100K +/-5%	1							
19	Chip Resistor 0603 size 330K +/-5%	1							
20	Chip Resistor 0603 size 150K +/-1%	1							
21	Chip Resistor 0603 size 220K +/-1%	1							
22	Chip Resistor 0603 size 330K +/-1%	1							
23	Chip Resistor 0603 size 680K +/-1%	1							
24	Chip inductor 0603 size 18nH +/-5% (HI1608:8NJB)	1	Darfon	L8					
25	Chip inductor 0603 size 47nH +/-5% (HI1608:7NJB)	2	Darfon	L1	L3				
26	Chip inductor 0603 size 56nH +/-5% (HI1608:6NJB)	1	Darfon	L2					
27	Chip Diode 1SS367 SOD323	6		D12	D13	D14	D15	D16	D17
28	Chip RF transistor NPN 2SC5065Y SOT23	1	Toshiba	Q5					
29	Chip transistor NPN MMBT3904 SOT23	1		Q8					
30	IC MCU EM78P259NSO20 SOP20	1	Elan	U1					

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31	IC EEPROM K24C02o-SCRGA, 18~5.5V, -40° C to +85° C, SOP-8	1								U7				
32	IC Regulator, 2.5V, TCR5SB25A SOT-25	1								U5				
33	SAW Resonator, 433.92MHz, +/-7kHz, 1Port, TO-39, NDR433A	1								Y1				
34	LED, 3mm, Red Color	1								LED1				
35	Thermistor, NTC, 200K+/-3%, B=550K+/-1% (MMC/CH25-4L204HB)	1								TR1				
36	Crystal 3x9mm 4MHz +/-20ppm, CL=20pF (S7-4,000-IU3920)	1								X1				
37	DIP Switch, 6 Poles, DS-06B-V	1								S1				
38	Slide Switch, 1P3T, Knob X=6mm SS-13F11-EG6	1								S13				
39	VR, Dia=16mm, 300K+/-20%, B-Curve, Shaft Type=KQ; L=15mm, R1610N Series)	1								VR1				
40	Antenna Coil 13.75T	1								ANT2				
41	PCB FR4 D/S Gold-Plated 80 x 66 x 1.6mm; TX_CTRL-.1	1								PCB1				
42	Sponge w/Double Side Tape for Antenna; 27x27x3mm	1												
43	Tx Shield Can	1												