

No		component name	model	quantity	remark
1		PCB	1.6×67×33mm	1	2101-A TX
2		IC	A2051 DIP16pin	1	U3
3		IC	MA6221-s7K SSOP28pin	1	U2
4		IC	RH5RH501A-T1 SOT-89	1	U1
5		LED	HLMP-ED80-KP000	1	D4
6		LENS	HDNS-2100	1	
7		SWITCH	MTS2-70	2	R, L
8		SWITCH	DSD-ST	1	M
9		ID SWITCH	TS60-43PSM160	1	ID
10		encoder	H=7mm	1	EN
11		DIODE	MA729 0805	2	D1, D2
12		DIODE	1N5817 1206	1	D3
13		LED	3mm red	1	D5
14		crystal frequency genrator	27. 042MHZ 16pF SMD	1	X1
15		crystal frequency genrator	76. 8KHZ DIP	1	X2
16		crystal frequency genrator	18.00MHz DIP	1	X4
17		inductance	1.8uH 1210	1	L3
18		inductance	220uH RL0406-221K	2	L1, L2
19		resistance	4.7M 0603	1	R1
20		resistance	91K 0603	1	R2
21		resistance	220K 0603	1	R3
22		resistance	680K 0603	1	R4
23		resistance	1M6 0603	1	R5
24		resistance	15K 0603	1	R6
25		resistance	560R 0603	1	R7
26		capacitance	220uF/ 6v Btype (1210)	2	C2, C7
27		capacitance	20pF 0603	1	C3

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BOM

MODEL: 2101-A

ver : A0

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28		capacitance	30pF	0603	1	C5
29		capacitance	104	0603	3	C6, C8, C12
30		capacitance	22pF	0603	2	C9, C10
31		capacitance	33pF	0603	1	C11
32		capacitance	75pF	0603	1	C13
33		capacitance	10uF	1206	1	C14
34		capacitance	47pF	0603	1	C15
35		capacitance	22pF	0603	1	C16