

ET TECH**BOM**

MODEL: 095208 TX

VER: A0

DATE: 2005-05-21

№: ET-05212201T

No	component name	model	quantity	remark
1	PCB	1.6×45×52mm	1	2123-A TX REV04
2	IC	A2051 DIP16pin	1	U1
3	IC	MA6221-S7K SSOP28pin	1	U2
4	IC	TP301A SOT-89	1	U3
5	IC	TP361A SOT-89	1	U4
6	LED	HLMP-ED80-KP000	1	D4
7	LENSE	HDNS-2100	1	
8	Switch	6×6×7.35mm 70±15gf	3	SWR, SWM, SWL
9	Switch	100gf 6×6×4.3mm	1	SWID
10	Encoder	H=9mm	1	SWEN
11	DIODE	MA729 0805	2	D1, D2
12	LED	3mm	1	D3
13	crystal	76. 8KHZ DIP	1	X1
14	crystal	27. 042MHZ 16pF 49S	1	X2
15	crystal	18.00MHz DIP	1	X3
16	inductance	220uH RL0406-221K	2	L1, L2
17	inductance	0.82uH 1/4W	1	L3
18	Resistance	15K 0603	1	R2
19	Resistance	4M7 0603	1	R3
20	Resistance	1K 0603	1	R4
21	Resistance	560R 0603	1	R5
22	capacitance	100uF 5×6	3	C1, C2, C17
23	capacitance	1pF 0603	1	C4
24	capacitance	15pF 0603	1	C5
25	capacitance	22pF 0603	2	C6, C7
26	capacitance	75pF 0603	2	C9, C10
27	capacitance	100nF 0603	2	C11, C15

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28		capacitance	1000pF	0603	1	C12
29		capacitance	30pF	0603	1	C13
30		capacitance	10uF	1206	1	C16
31		Resistance	1K	0603	1	R6
32		Resistance	51K	0603	1	R8
33		Resistance	10K	0603	1	R9
34		Dynatron	2S8050 $\beta = 100 \sim 200$	EBC DIP	1	Q1
35		Dynatron	TL431	DIP	1	Q3
36		connector	Mini USB		1	JP1