

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