

1: Lipo ESR Tester Revised: Sunday, January 29, 2012

2: LipoESR.sch Revision: 01

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10: Bill Of Materials January 29,2012 23:16:00 Page1

11:

12: Item	Quantity	Reference	Part	Design	Reichelt	Preis
13:						
14:						
15: 1	4	C1,C2,C6,C7	4µ7 X7R	SR1206	Serie 208-8, 1	-.32 €
16: 2	1	C3	100nF	SR0805		
17: 3	2	C4,C5	22pF	SR0805		
18: 4	1	D1	BAV103	Mini Melf		
19: 5	1	J1	2x16 LCD			
20: 6	1	J2	ISP Connector			
21: 7	1	J3	Balancer-Connector			
22: 8	1	Pad	+Ub			
23: 9	1	Pad	-Ub			
24: 10	1	P1	10k Kontrast			
25: 11	1	Q1	BC337			
26: 12	1	Q2	IRF 4905	TO220	IRF 4905	1.20 €
27: 13	5	R1,R2,R3,R4,R10	1k5	SR0805		
28: 14	1	R5	4k7	SR0805		
29: 15	1	R6	22k	SR0805		
30: 16	2	R7,R8	1k	SR0805		
31: 17	1	R9	750	SR0805		
32: 18	1	R11	1k2	SR0805		
33: 19	4	R12,R13,R14,R15	1 5Watt			
34: 20	1	SW1	Taste			
35: 21	1	U1	REG1117	SOT223		
36: 22	3	U2,U3,U4	LM336		LM 336 D5,0	-.43 €
37: 23	1	U5	PIC16F819		PIC 16F819-I/SO	2.70 €
38: 24	1	X1	Quarz 4Mhz		4,0000-HC49U-S	-.18 €