

redlabs.de	BOM 013/00	LoopingLouino	
		Total parts:	50
v C	22u	C_1206	1
C14	22u		
v C	100p	C_0603	1
C12	100p		
v C	1n	C_0603	4
C1	1n		
C2	1n		
C3	1n/200V		
C4	1n		
v C	100n	C_0603	9
C5	100n		
C6	100n		
C7	100n		
C8	100n		
C10	100n/25V		
C11	100n		
C17	100n		
C18	100n		
C19	100n		
v C	1u/25V	C_0805	2
C9	1u/25V		
C16	1u/25V		
v R	2R2	R_0805	1
R17	2R2		
v R	1k	R_0603	3
R3	1k		
R21	1k		
R22	1k		
v R	4k7	R_0603	2
R9	4k7		
R10	4k7		
v R	7k5	R_0603	1
R16	7k5		
v R	10k	R_0603	6
R1	10k		
R13	10k		
R14	10k		
R18	10k		
R19	10k		
R20	10k		
v R	22k	R_0603	3
R2	22k		
R23	22k		
R24	22k		
v R	39k	R_0603	1
R15	39k		
v R	100k	R_0603	3

R7	100k		
R8	100k		
R12	100k		
v D	SK34A	D_SMA	2
D1	SK34A		
D2	SK34A		
v L	10uH	D_SMA	1
L1	10uH (HPI0530-100)		
v Q	BCR141	SOT-23	2
Q4	BCR141		
Q5	BCR141		
v IC			3
IC1	ATMEGA328P-A	TQFP-32_7x7mm_Pitch0.8mm	
U2	MP1584	SO8N	
U3	ZXMHC6A07T8-2	SOT-223-8	
v SW	Switches		2
SW1	SW_PUSH	SW_Tactile_SPST_Angled_PTS645Vx83-2LFS	
SW2	SW_PUSH	SMD_pushbutton_4x6mm	
v CON	Connectors		3
J1	JACK_4P	Klinkenbuchse-1503-13VP3	
CON1	BARREL_JACK_reduced	BARREL_JACK_reduced	
CON2	AVR-ISP-6	MicroMatch_2x3_SMD	
v P	Pin Array		
P2	CONN_01X03	PIN_ARRAY_3x1_drill_0.8mm	
P3	CONN_01X02	JST_XH2P_oval_pads	
v P	Not Populated		5
R11	33R	R_0603	
R4	0R	R_0603	
R5	10k	R_0603	
R25	1k	R_0603	
Q1	PMV250	SOT-23	