Tabelle 1

Source:	**ledbox.sch**			
Date:	Thursday; 05 October 2017 'pmt' 17:21:10			
Tool:	Eeschema 4.0.7			
Component Count:	22			
Individual Components:				

Item	Qty	Reference(s)	Value	LibPart	Footprint	Datasheet
		C1	DNP/22p	device:C	Capacitors_SMD:C_1206	
		C2	DNP/22p	device:C	Capacitors_SMD:C_1206	
		C3	100n	device:C	Capacitors_SMD:C_1206	
		C4	100n	device:C	Capacitors_SMD:C_1206	
		C5	10u	device:CP	Capacitors_SMD:CP_Elec_4x5.7	
		CON1	AVR_ISP	atmel:AVR-ISP-6	Pin_Headers:Pin_Header_Straight_2x03	
		D1	LRTBG6TG	ledbox-newsymbols:LRTBG6TG	ledbox-newfootprints:LED-6-BIG	http://www.osram-os.com/Graphics/XPic4/00067263_0.pdf
		J1	Bus	conn:Conn_02x05_Odd_Even	Pin_Headers:Pin_Header_Straight_2x05	
		J2	BTN_IR	conn:Conn_01x04	ledbox-newfootprints:METZ-SR21304VBNC	
		R1	10k	device:R	Resistors_SMD:R_1206	
		R2	10k	device:R	Resistors_SMD:R_1206	
		R3	10k	device:R	Resistors_SMD:R_1206	
		R4	DNP/150	device:R	Resistors_SMD:R_1206	
		R5	180	device:R	Resistors_SMD:R_1206	
		R6	56	device:R	Resistors_SMD:R_1206	
		R7	36	device:R	Resistors_SMD:R_1206	
		R8	36	device:R	Resistors_SMD:R_1206	
		R9	10k	device:R	Resistors_SMD:R_1206	
		U1	ATTINY2313-20PU	atmel:ATTINY2313-20PU	Housings_SOIC:SOIC-20W_7.5x12.8mm_Pitch1.27mm	
		U2	SN75176B	ledbox-newsymbols:SN75176B	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm	http://www.ti.com/lit/ds/symlink/sn65176b.pdf
		U3	ULN2003	interface:ULN2003	Housings_SOIC:SOIC-16_3.9x9.9mm_Pitch1.27mm	
		Y1	DNP/20MHz	device:Crystal	Crystals:Crystal_HC49-SD_SMD	
Collated Components:						

Item	Qty	Reference(s)	Value	LibPart	Footprint	Datasheet
1	2	C1; C2	DNP/22p	device:C	Capacitors_SMD:C_1206	
2	2	C3; C4	100n	device:C	Capacitors_SMD:C_1206	
3	1	C5	10u	device:CP	Capacitors_SMD:CP_Elec_4x5.7	
4	1	CON1	AVR_ISP	atmel:AVR-ISP-6	Pin_Headers:Pin_Header_Straight_2x03	
5	1	D1	LRTBG6TG	ledbox-newsymbols:LRTBG6TG	ledbox-newfootprints:LED-6-BIG	http://www.osram-os.com/Graphics/XPic4/00067263_0.pdf
6	1	J1	Bus	conn:Conn_02x05_Odd_Even	Pin_Headers:Pin_Header_Straight_2x05	
7	1	J2	BTN_IR	conn:Conn_01x04	ledbox-newfootprints:METZ-SR21304VBNC	
8	4	R1; R2; R3; R9	10k	device:R	Resistors_SMD:R_1206	
9	1	R4	DNP/150	device:R	Resistors_SMD:R_1206	
10	1	R5	180	device:R	Resistors_SMD:R_1206	
11	1	R6	56	device:R	Resistors_SMD:R_1206	
12	2	R7; R8	36	device:R	Resistors_SMD:R_1206	
13	1	U1	ATTINY2313-20PU	atmel:ATTINY2313-20PU	Housings_SOIC:SOIC-20W_7.5x12.8mm_Pitch1.27mm	
14	1	U2	SN75176B	ledbox-newsymbols:SN75176B	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm	http://www.ti.com/lit/ds/symlink/sn65176b.pdf
15	1	U3	ULN2003	interface:ULN2003	Housings_SOIC:SOIC-16_3.9x9.9mm_Pitch1.27mm	
16	1	Y1	DNP/20MHz	device:Crystal	Crystals:Crystal_HC49-SD_SMD	