

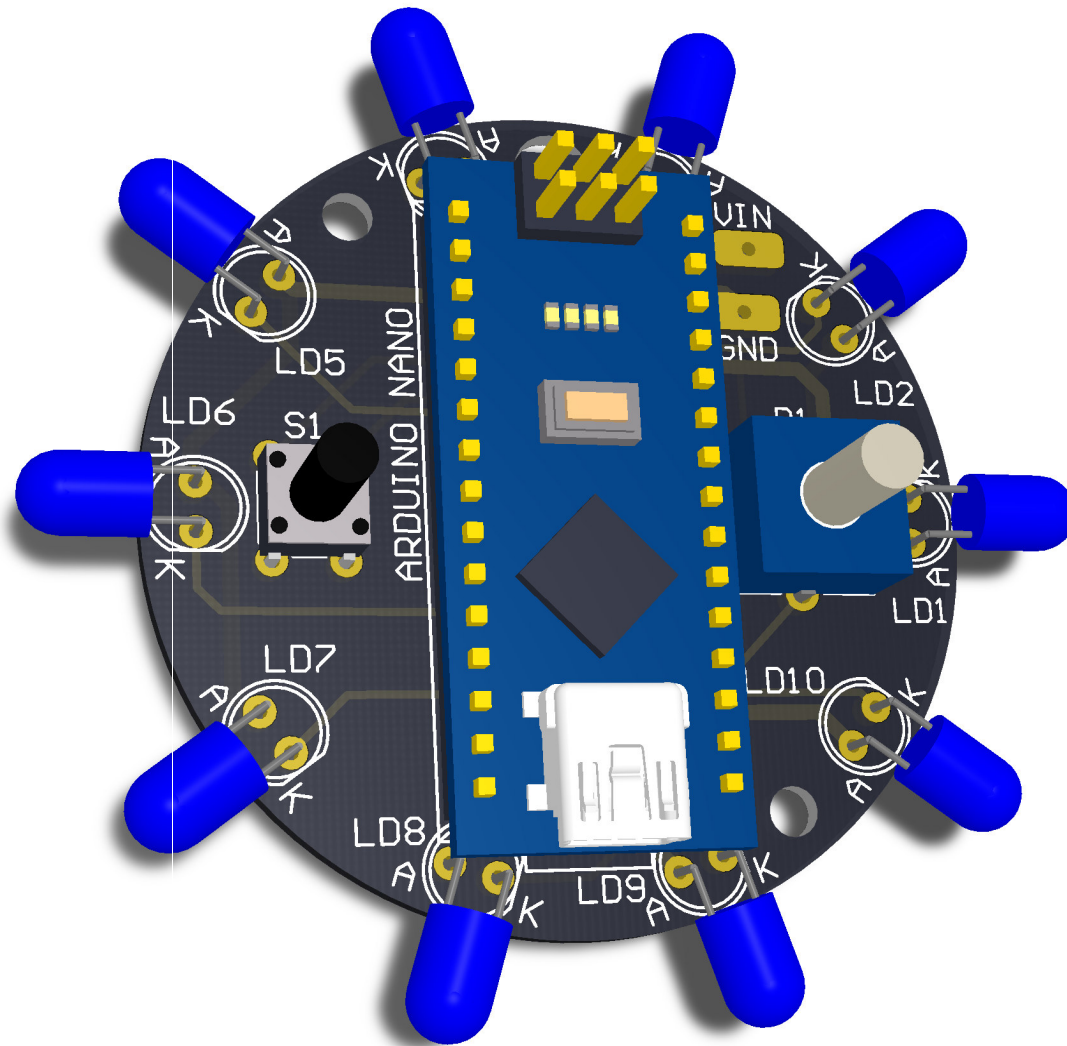
Widerstandsbestückung für LEDs:  
Strom ca. 18mA. Widerstände für 5V berechnet.

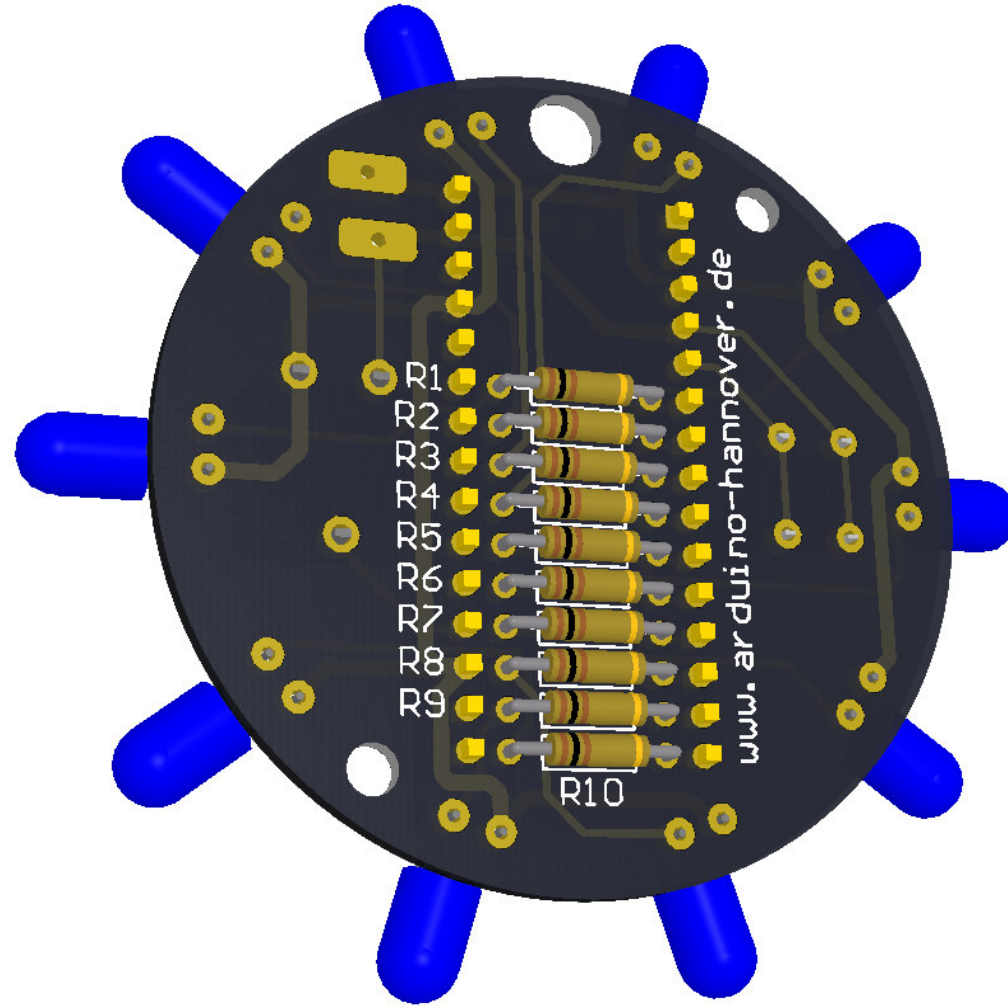
Blau	3,0-3,2V	5000mcd	100Ω
Rot	1,9-2,1V	3000mcd	150Ω
Grün	3,0-3,2V	11000mcd	100Ω
Orange	1,9-2,1V	4000mcd	150Ω
Weiß	3,2-3,4V	18000mcd	100Ω

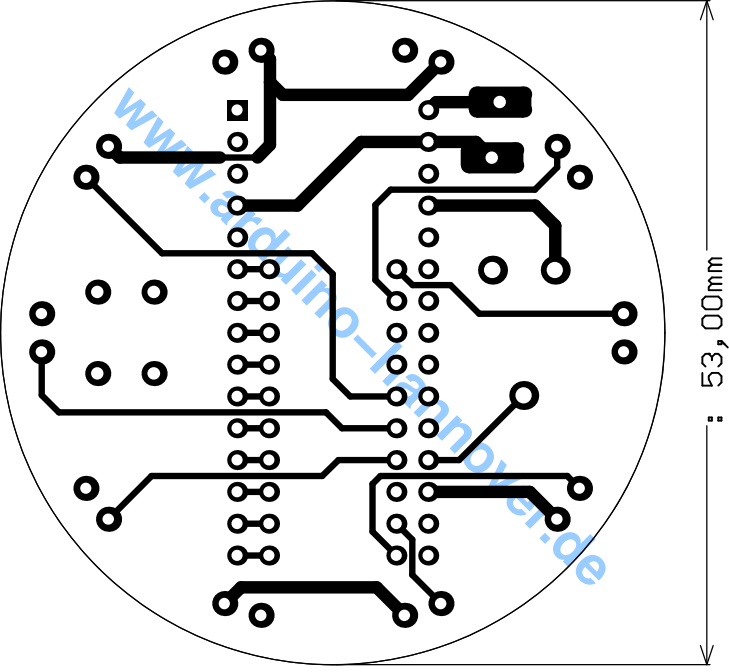


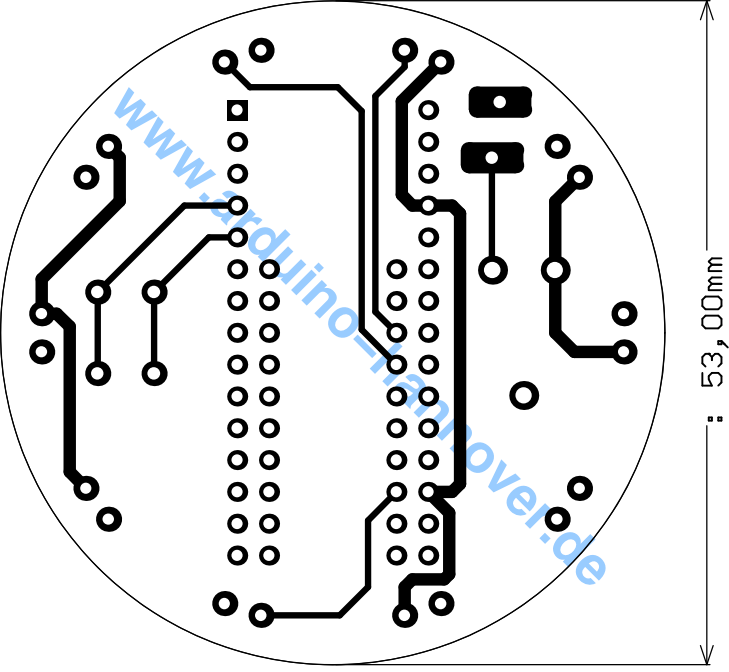
Arduino Treffpunkt Hannover  
www.arduino-hannover.de

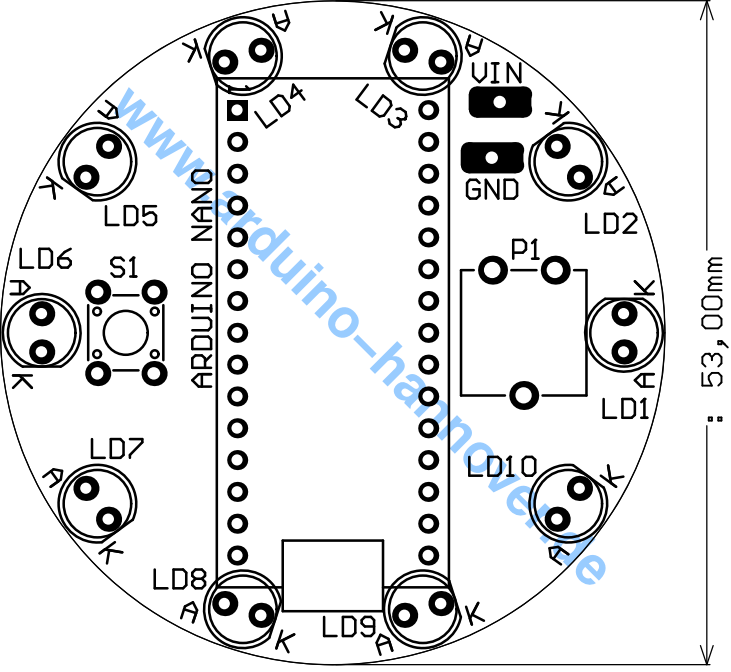
Title : <b>Arduino Led Chaser Breakout Main.SchDoc</b>		Draw.no.: <b>CHASER</b>
Project Start : 31.03.2015	Drawn by : Bruetsch	Variant :
Last Modification : 01.04.2015	Approved by : U.B.	Position :
Version : V1.0	Page Size : A4	Sheet : 1 of : 1

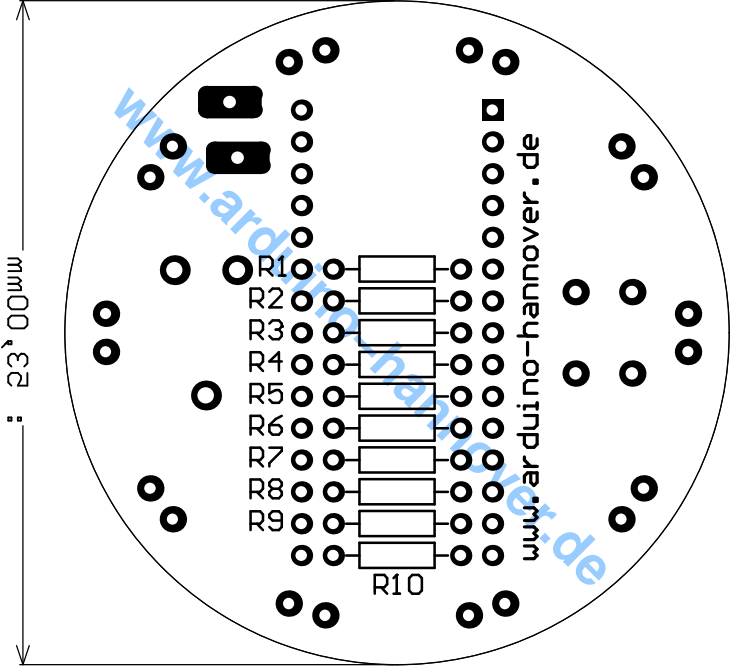












## Liste Einkauf Platine

### Bill of Materials for PCB [Led-Chaser]



Project: Led-Chaser Maker Faire 2015  
Source: Led-Chaser.PrjPCB

Version: V1.0  
Date/Time: 21.04.2015 09:49:32  
Variant: None

Quantity	Designator	Comment	Description	Footprint	Supplier 1	Supplier Part Number 1	Remarks
1	ARDUINO NANO	ARDUINO NANO	Arduino Nano Modul	MODUL_Nano	Aliexpress	Arduino Nano	
2	GND, VIN	PAD	Connector single Pad	PAD_14X14_B08			Lötpad
10	LD1, LD2, LD3, LD4, LD5, LD6, LD7, LD8, LD9, LD10	LED Blue	Blue LED	LED_5MM_THD-L Blue	Aliexpress		LED's blau, rot, grün, gelb etc. Widerstände anpassen !
1	P1	10k	Square Trimming Potentiometer	POTI_CA9_MTV10	Reichelt	ACP 9-LRS 10K	inkl. ACHSE ACP 9 G Steckachse für ACP-Serie sechskant, grau
10	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	100R	Resistor 5%	RES_R04-25/2_100R_5%	Reichelt	1/4W 100	
1	S1	TASTER 3301D	Taster 6x6mm H=8mm	TASTER_3301D	Reichelt	TASTER 3301D	
25							

## Liste Einkauf Mechanik

Project: Led-Chaser Maker Faire 2015  
Source: Led-Chaser.PrjPCB

Version: V1.0  
Date/Time: 21.04.2015 09:49:32  
Variant: None

Quantity	Designator	Comment	Description	Footprint	Supplier 1	Supplier Part Number 1	Remarks
1	Deckel	Deckel Plexiglas	gelasert aus schwarzen Plexiglas		Hubert	Deckel LED-Chaser	
1	Boden	Boden Plexiglas	gelasert aus schwarzen Plexiglas		Hubert	Boden LED-Chaser	
2	Abstandsbolzen 8mm				Ettinger	05.03.083	
2	Abstandsbolzen 3mm				Ettinger	05.73.038	
2	M3 Schraube mit U-Scheibe		M3 x8mm		Ettinger	81.58.330	
2	M3 Schraube mit U-Scheibe		M3 x 12mm		Ettinger	81.58.350	
10							