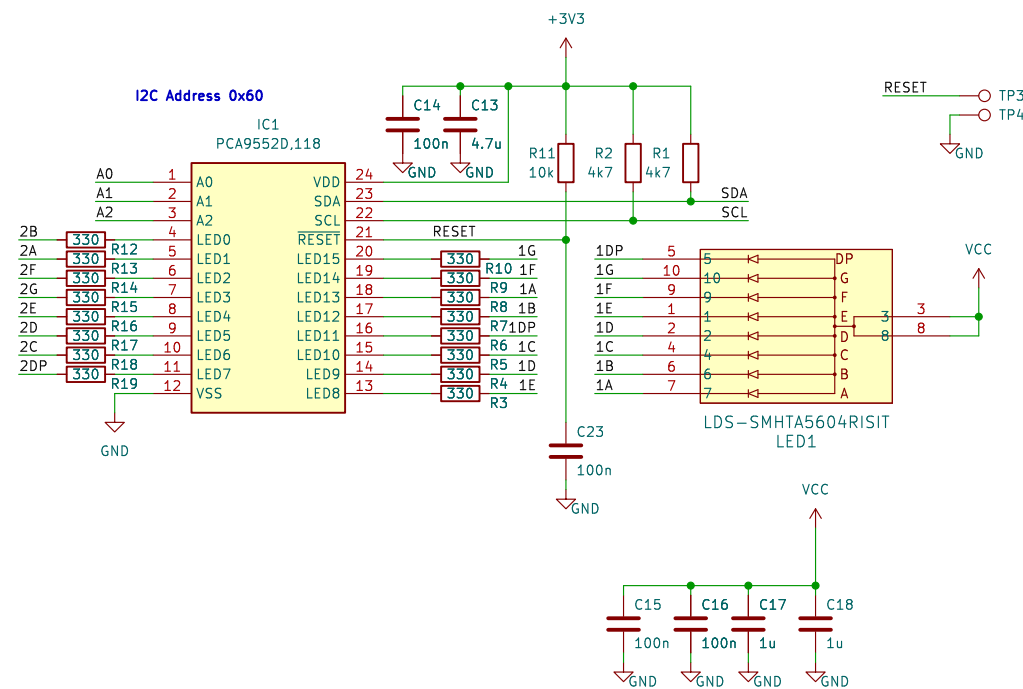
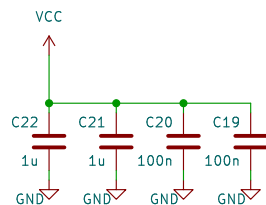
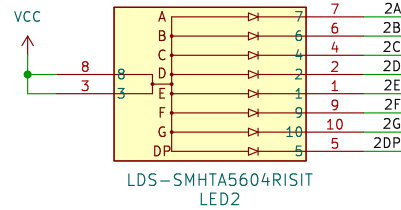
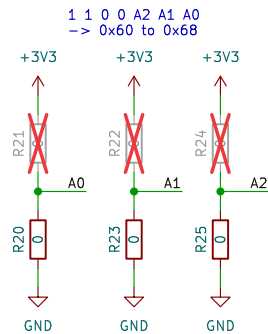
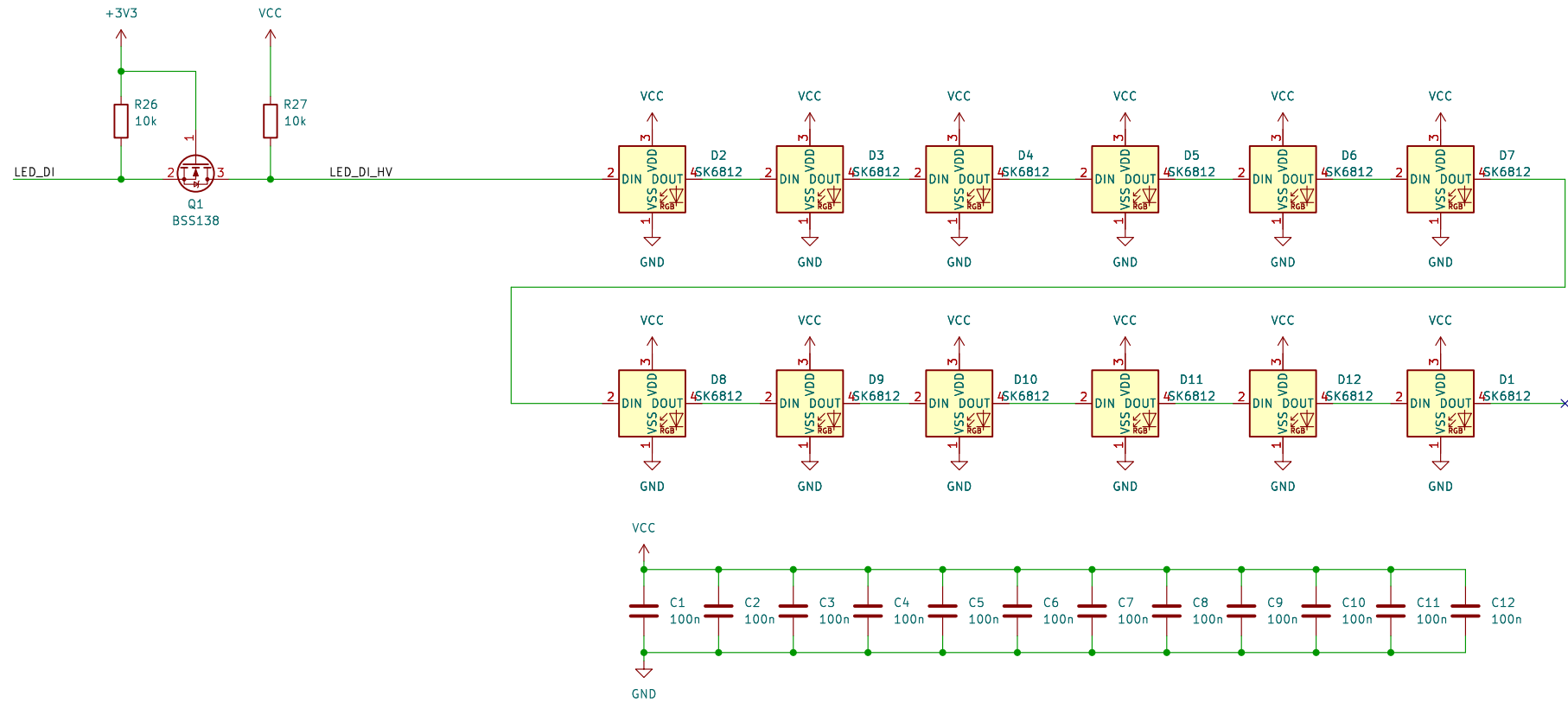


- H1 MountingHole M3
- H2 MountingHole M3
- H3 MountingHole M3



#### LDS-SMHTA5604RISIT

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		640		nm	
FORWARD VOLTAGE		1.95	2.40	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		6000		μcd	If=10mA
EMITTED COLOR:	RED			2x theta	
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

#### LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-0.30	mW/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

\* t<10μS

Frackstock ET21

EberKreis

Sheet: /  
File: PCB\_LedRing.kicad\_sch

Title: LED Ring

Size: A3 Date: 2024-03-28  
KiCad E.D.A. kicad 7.0.10

Rev: A  
Id: 1/1