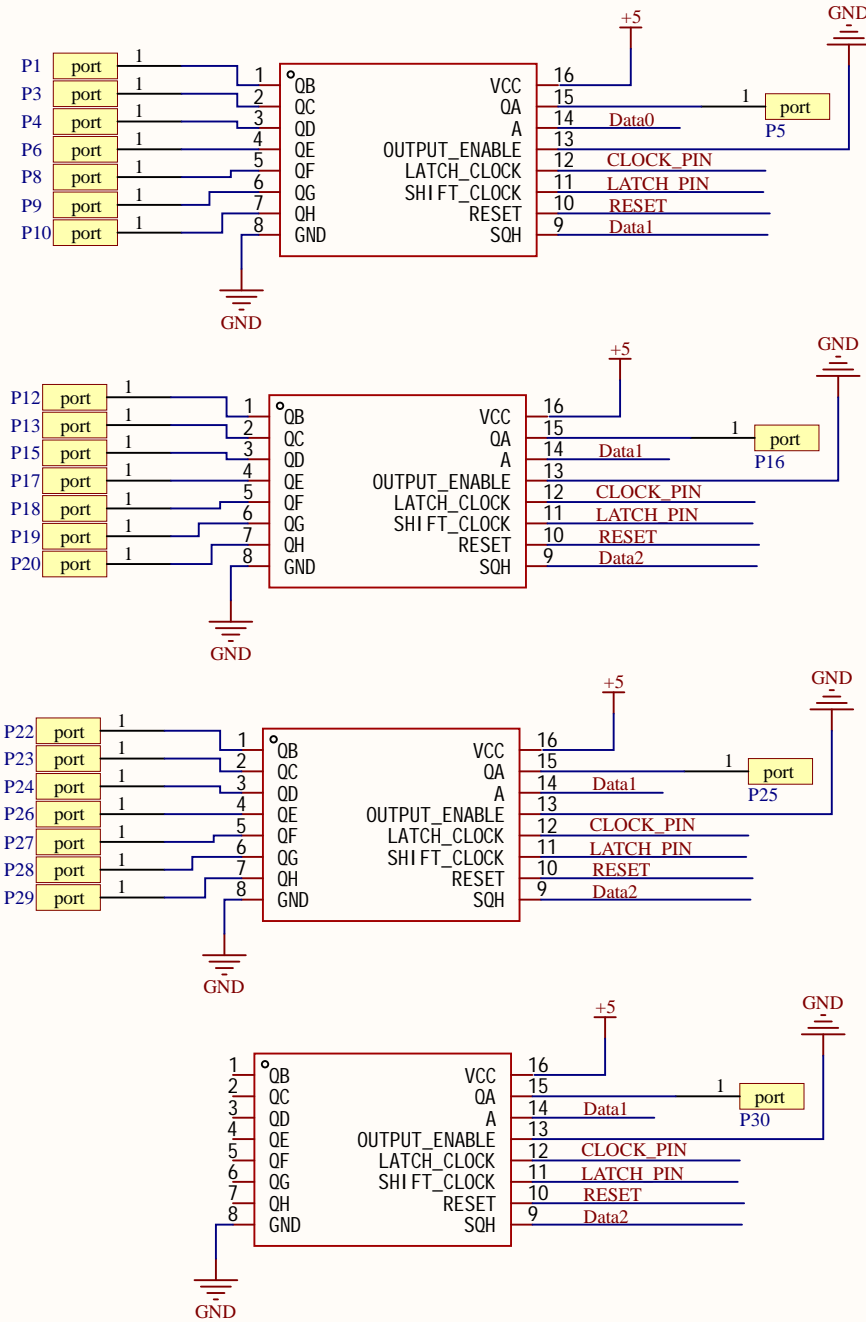
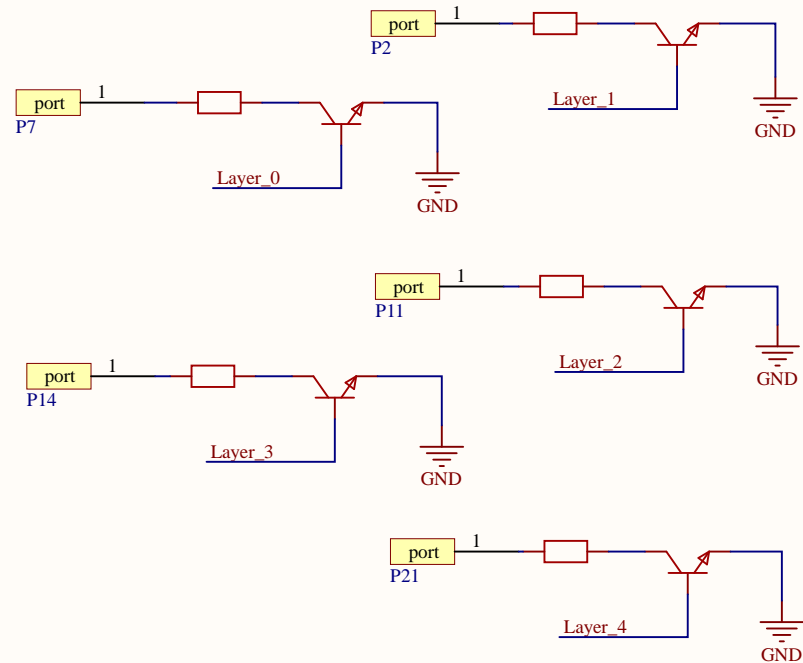


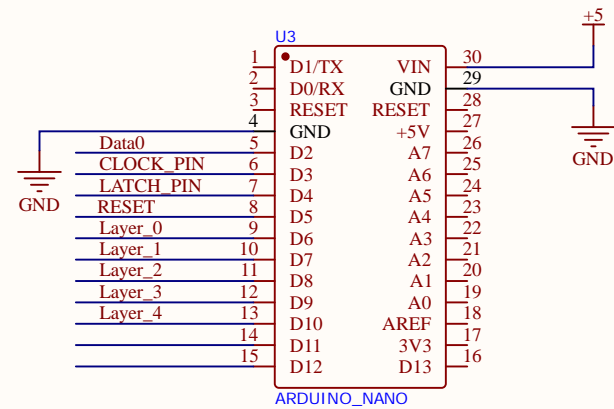
## 74HC595 Connections (Chained)



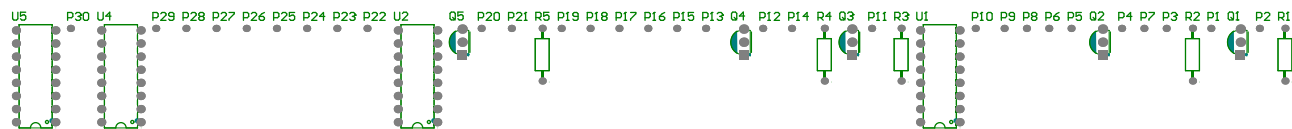
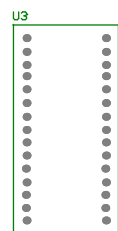
## Common cathode driver



## Arduino Nano



Title		
Size	Number	Revision
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Date:	5/27/2025	Sheet of
File:	C:\Users\...\Base.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Port_1		P1, P2, P3, P4, P5, P6, P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P30	port	Port_1	30
BC547BTA		Q1, Q2, Q3, Q4, Q5	TO-92-3_L4.8-W3.7- P2.54-L	BC547BTA	5
1kΩ		R1, R2, R3, R4, R5	RES-TH_BD2.7-L6.2- P10.20-D0.4	MF1/4W-1K±1%-ST52	5
74HC595N		U1, U2, U4, U5	DIP-16_L20.0-W6.4- P2.54-LS7.6-BL	74HC595N_C507175	4
ARDUINO_NANO		U3	ARDUINO NANO.	ARDUINO_NANO	1