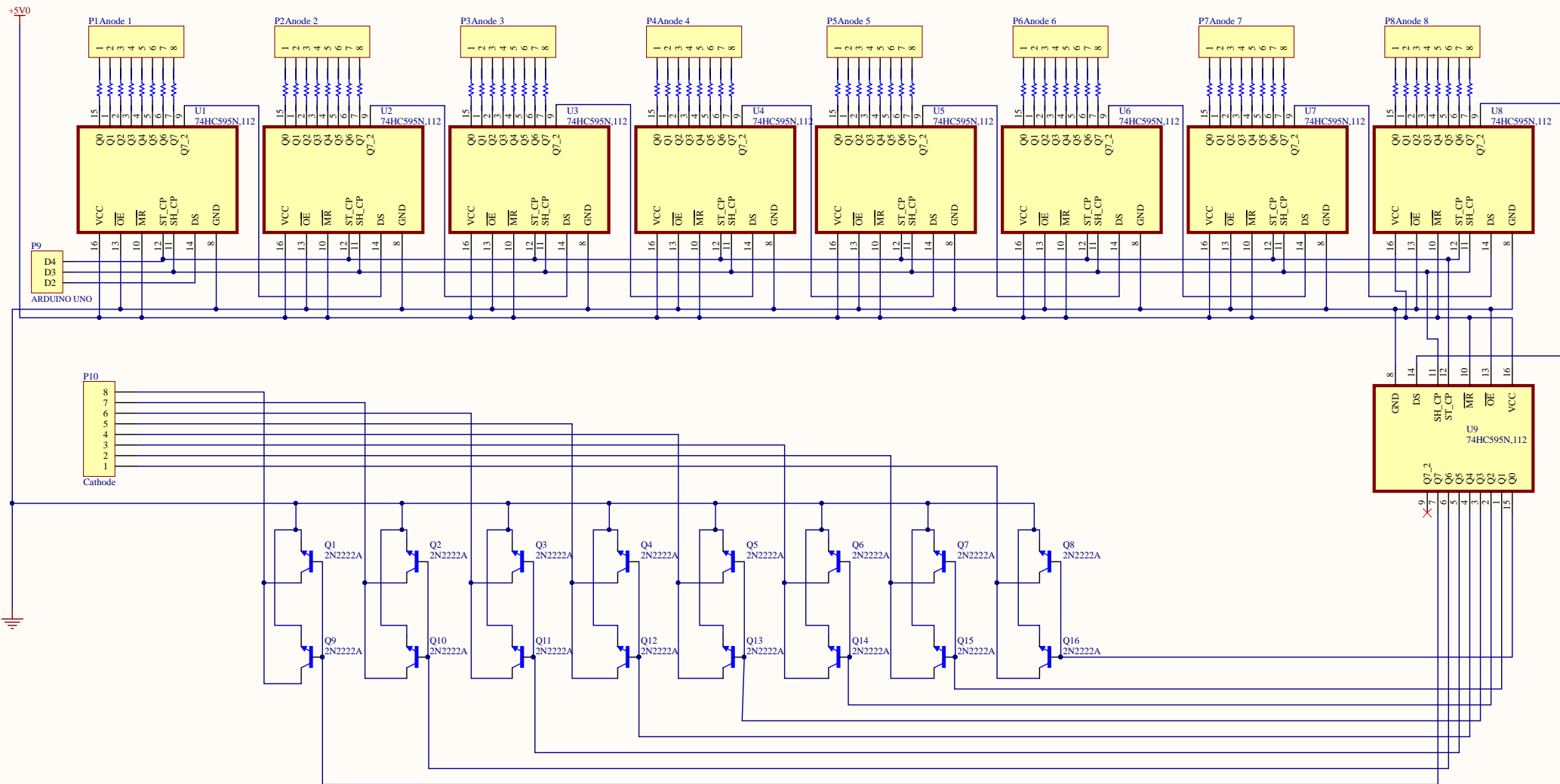
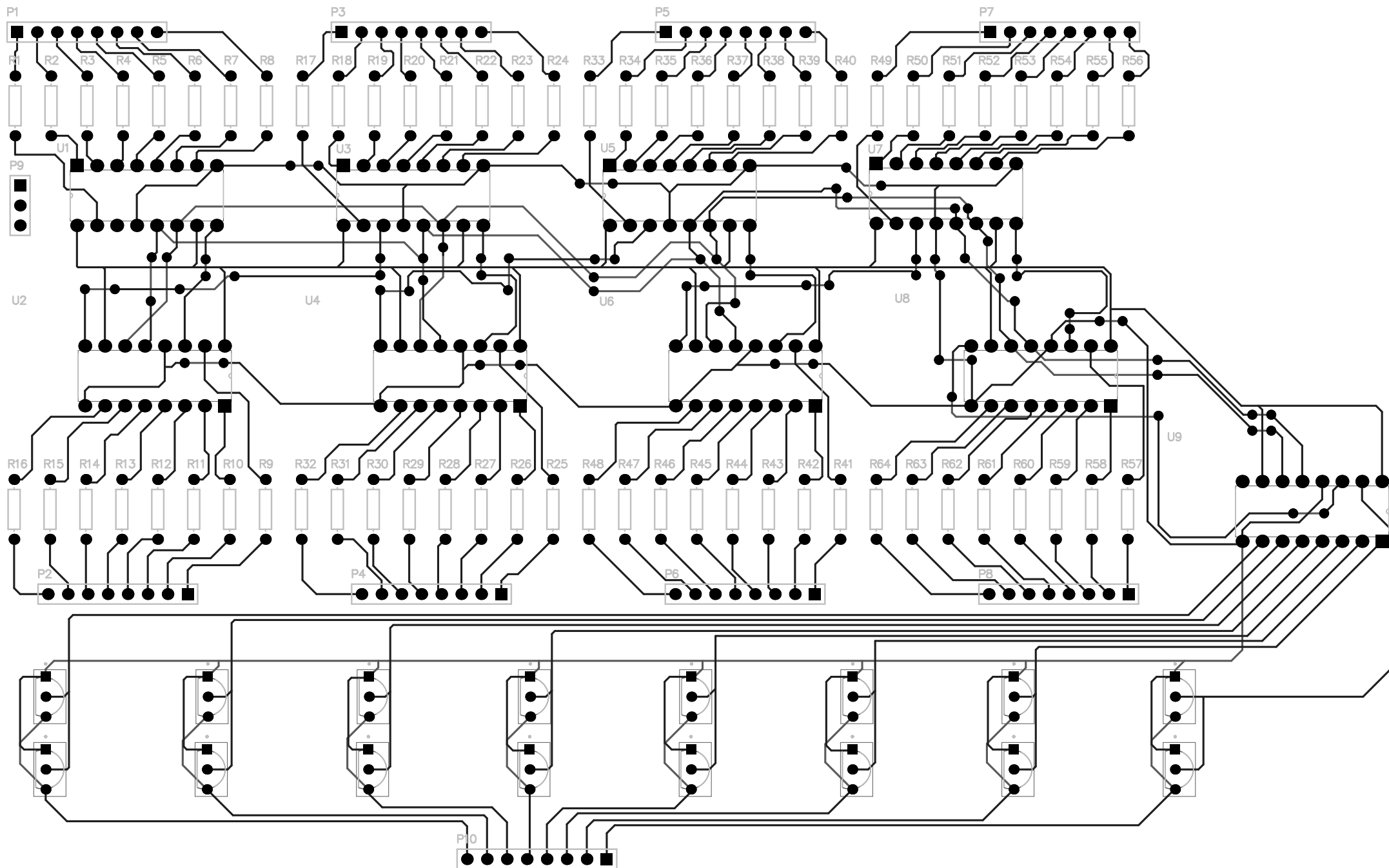


# 8x8x8 LED CUBE





Comment	Description	Designator	Footprint	LibRef	Quantity
Anode 1	Header, 8-Pin	P1	HDR1X8	Header 8	1
Anode 2	Header, 8-Pin	P2	HDR1X8	Header 8	1
Anode 3	Header, 8-Pin	P3	HDR1X8	Header 8	1
Anode 4	Header, 8-Pin	P4	HDR1X8	Header 8	1
Anode 5	Header, 8-Pin	P5	HDR1X8	Header 8	1
Anode 6	Header, 8-Pin	P6	HDR1X8	Header 8	1
Anode 7	Header, 8-Pin	P7	HDR1X8	Header 8	1
Anode 8	Header, 8-Pin	P8	HDR1X8	Header 8	1
ARDUINO UNO	Header, 3-Pin	P9	HDR1X3	Header 3	1
Cathode	Header, 8-Pin	P10	HDR1X8	Header 8	1
2N2222A	Bipolar (BJT) Transistor NPN 40 V 600 mA 250MHz 625 mW Through Hole TO-92	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16	TO92254P470H750- 3	2N2222A	16
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64	AXIAL-0.3	Res1	64
74HC595N,112	Shift Shift Register 1 Element 8 Bit 16-DIP	U1, U2, U3, U4, U5, U6, U7, U8, U9	DIP254P762X420-16	74HC595N,112	9