

Reference	Value	Footprint	Datasheet
U1	74LS138	Housings_DIP:DIP-16_W7.62mm	
SH1	ARDUINO_SHIELD_ARDUINO:ARDUINO_as_UNO_R3		
Q1	BD910	Power_Integrations:TO-220	
Q2	BD910	Power_Integrations:TO-220	
Q3	BD910	Power_Integrations:TO-220	
Q4	BD910	Power_Integrations:TO-220	
Q5	BD910	Power_Integrations:TO-220	
Q6	BD910	Power_Integrations:TO-220	
Q7	BD910	Power_Integrations:TO-220	
Q8	BD910	Power_Integrations:TO-220	
C2	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C1	100uF	Capacitors_ThroughHole:C_Radial_D5_L11_P2.5	
C11	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C12	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C13	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C14	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C15	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C16	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C17	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C18	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
R1	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
R2	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
U3	TLC5928	Housings_DIP:DIP-24_W7.62mm	
U4	TLC5928	Housings_DIP:DIP-24_W7.62mm	
C4	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C3	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
R3	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
R4	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
U5	TLC5928	Housings_DIP:DIP-24_W7.62mm	
U6	TLC5928	Housings_DIP:DIP-24_W7.62mm	
C6	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C5	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
R5	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
R6	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
U7	TLC5928	Housings_DIP:DIP-24_W7.62mm	
U8	TLC5928	Housings_DIP:DIP-24_W7.62mm	
C8	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
C7	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5	
U9	8x8_LED_1	LED breakout board:8x8_LED_Matrix	
U10	8x8_LED_1	LED breakout board:8x8_LED_Matrix	
U11	8x8_LED_1	LED breakout board:8x8_LED_Matrix	
U12	8x8_LED_1	LED breakout board:8x8_LED_Matrix	
U13	8x8_LED_1	LED breakout board:8x8_LED_Matrix	
R7	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
R8	R	Resistors_ThroughHole:Resistor_Horizontal_RM10mm	
U14	TLC5928	Housings_DIP:DIP-24_W7.62mm	

U15	TLC5928	Housings_DIP:DIP-24_W7.62mm
C10	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5
C9	.01uF	Capacitors_ThroughHole:C_Disc_D3_P2.5