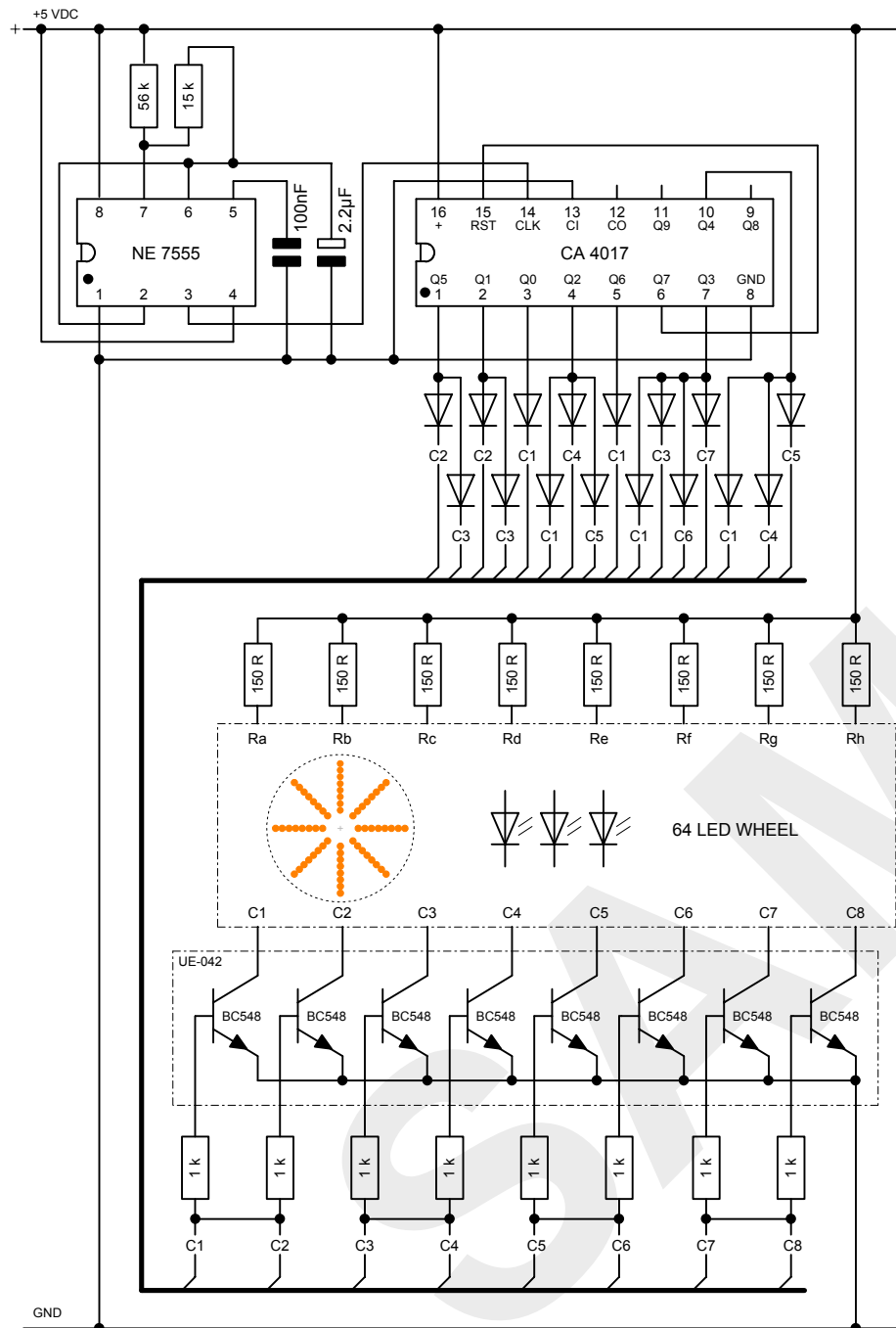
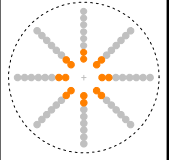




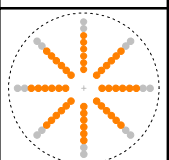
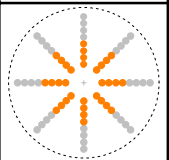
TIMER IC NE 555:

- | | |
|-------------|------------------|
| 1 = GND (-) | 5 = CONTR. VOLT. |
| 2 = TRIGGER | 6 = THRESHOLD |
| 3 = OUTPUT | 7 = DISCHARGE |
| 4 = RESET | 8 = Vcc (+) |

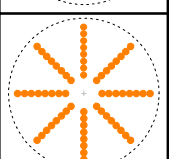
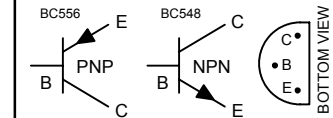


DECADE COUNTER 4017:

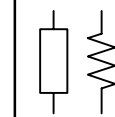
- | | |
|-------------|--------------------|
| 1 = Q5 | 9 = Q8 |
| 2 = Q1 | 10 = Q4 |
| 3 = Q0 | 11 = Q9 |
| 4 = Q2 | 12 = CARRY OUT |
| 5 = Q6 | 13 = CLOCK INHIBIT |
| 6 = Q7 | 14 = CLOCK |
| 7 = Q3 | 15 = RESET |
| 8 = GND (-) | 16 = Vcc (+) |



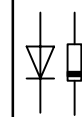
TRANSISTOR:



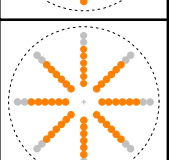
RESISTOR:



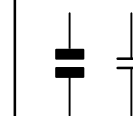
DIODE:



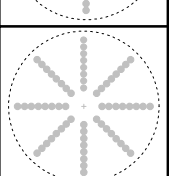
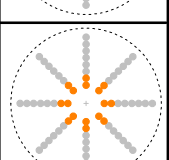
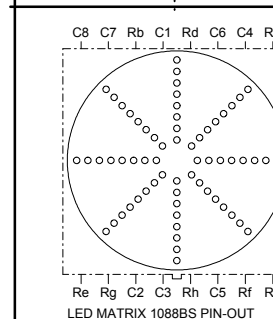
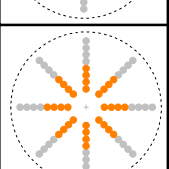
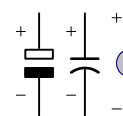
LED:



CAPACITOR:

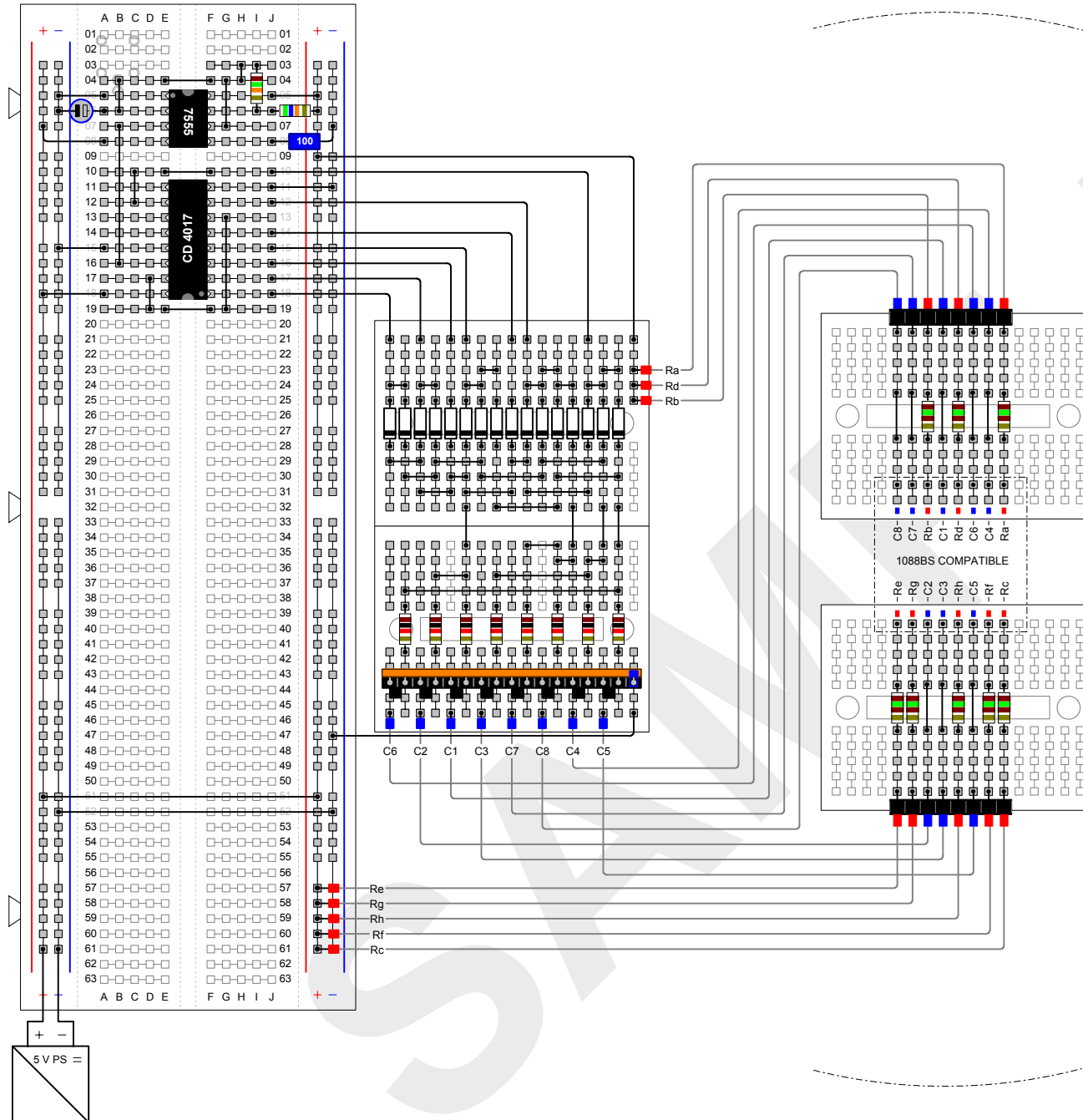


(POLARIZED)

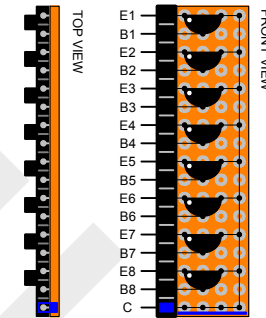


FOR LED WHEEL CONSTRUCTION & SPECIFICATION SEE ADENDUM

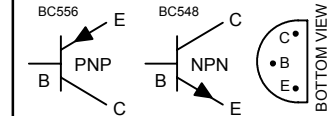
MX-2	A4	udo@elgers.com	ue-ERT20211228-07	28-DEC-2021
053	A	LED WHEEL MATRIX - EXPERIMENT E-04		



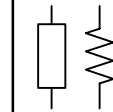
NPN TRANSISTOR ARRAY UE-042



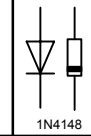
TRANSISTOR:



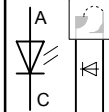
RESISTOR:



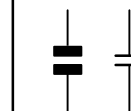
DIODE:



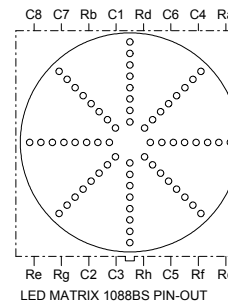
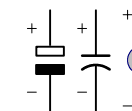
LED:



CAPACITOR:

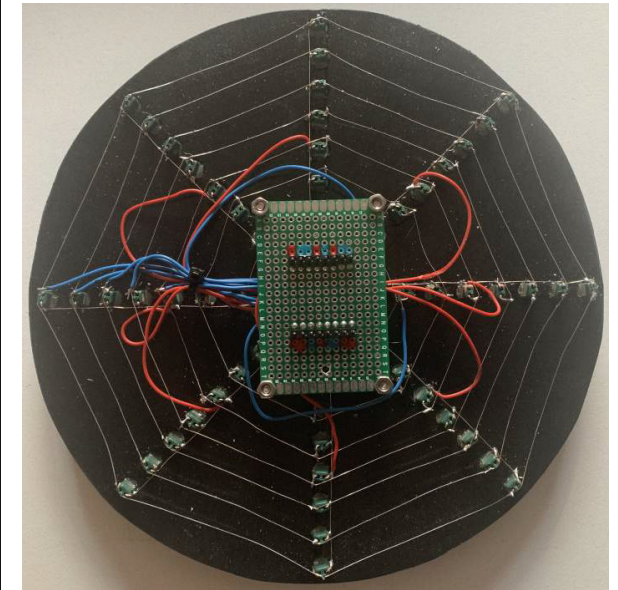
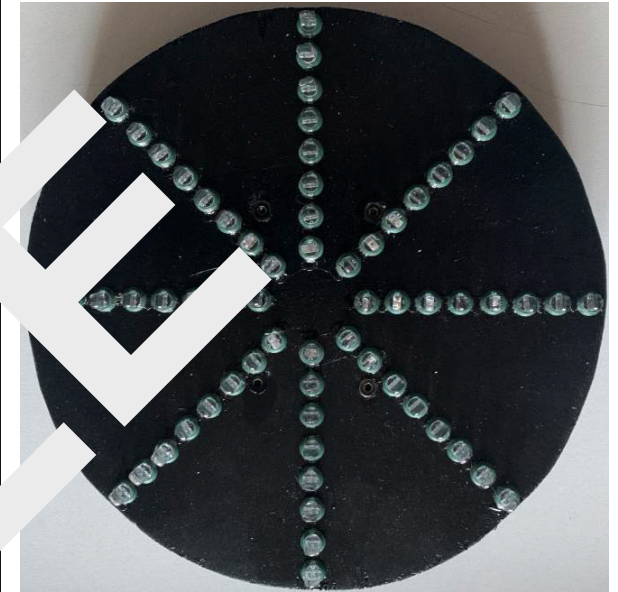
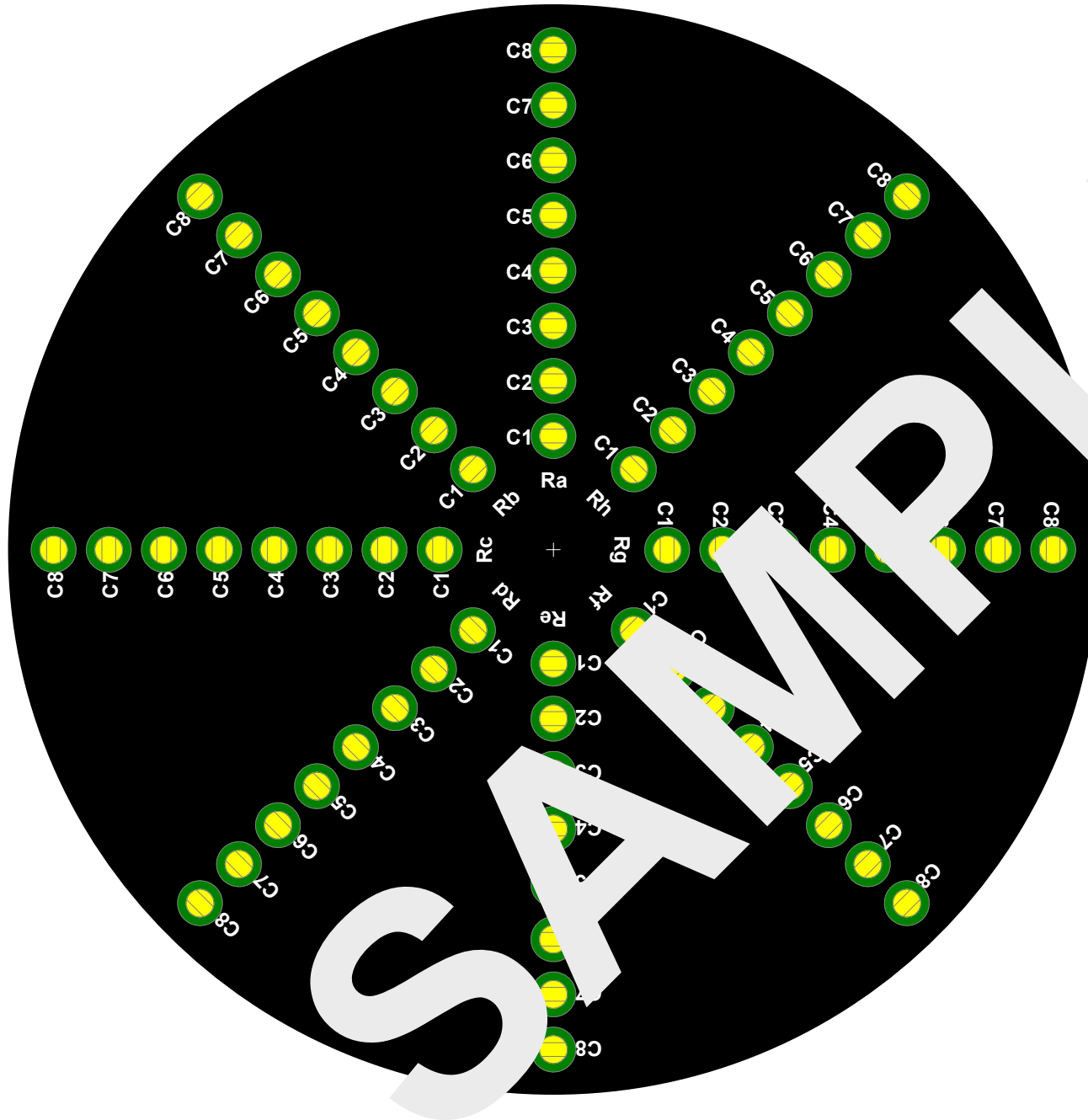


(POLARIZED)



FOR LED WHEEL CONSTRUCTION & SPECIFICATION SEE ADENDUM

MX-2	A4	udo@elgers.com	ue-ERT20211228-08	28-DEC-2021
054	A	LED WHEEL MATRIX - EXPERIMENT E-04		



MX-2	A4	udo@elgers.com	ue-ERT20220110-02	10-JAN-2022
075	A	LED WHEEL MATRIX - LAYOUT		