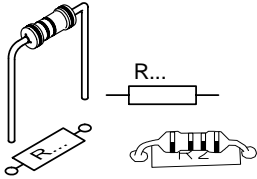


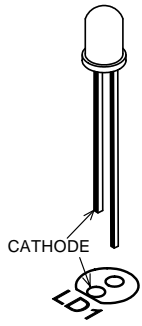
START

1 Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze

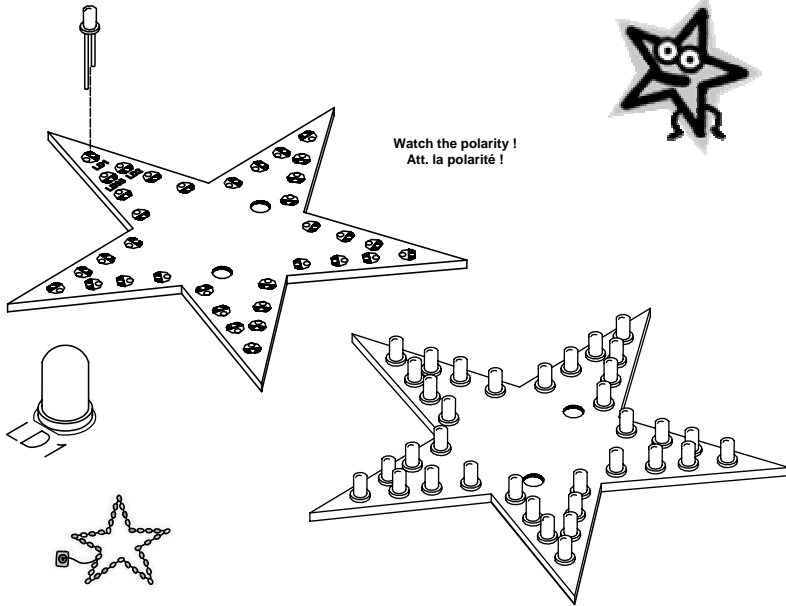


◇ R1: 1K	(Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marrón, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)
◇ R2, R3: 100K	(Brown, Black, Yellow) - (Bruin, zwart, Geel) - (Brun, noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)
◇ R4 ... R11: 470	(Yellow, Purple, Brown) - (Geel, Paars, Bruin) - (Jaune, Violet, Brun) - (Gelb, Violett, Braun) - (Gul, Lila, Brun) - (Keltainen, Purppura, Ruskea) - (Amarillo, Morado, Marrón) - (Amarelo, Violeta, Castanho) - (Giallo, Viola, Marrone) - (Gul, Violet, Brun)
◇ R12: 1K5	(Brown, Green, Red) - (Bruin, Groen, Rood) - (Brun, Vert, Rouge) - (Braun, Grün, Rot) - (Brun, Grön, Röd) - (Ruskea, Vihreä, Punainen) - (Marrón, Verde, Rojo) - (Castanho, Verde, Encarnado) - (Marrone, Verde, Rosso)

2 LEDs



◇ LD1 ... LD35



3 Electrolytic capacitors

Watch the polarity!
Attention à la polarité!

◇ C1 : 10µF
◇ C2 : 10µF

4 Transistors

◇ T1: BC547
◇ T2: BC547

6 Battery holder

Black (-) Red (+)

5 Setup

= flashing / knipperend / opération clignotante / operación intermitente

= static operation / statisch / statique / statisch brennen / estática

9V BATTERY

T1 BC547

T2 BC547

J1 No blink

R1 1K R2 100K R3 100K R4 470 R5 470 R6 470 R7 470 R8 470 R9 470 R10 470 R11 470 R12 1K5

D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35