

Soldering - Soldieren - Soudage - Lötten - Soldadura - Lötning - Juottaminen - Saldatura - Solda



max. 40W

Component side - componentenzijde - Côte composants - Bauteilseite - Lado de los componentes



START 1

2

LEDs

30 X

(Red - Rouge - Rojo - Rosso)

20 X

Yellow-Gelb-Jaune-Gelb-Gul

10 X

Green, Green, Vert, Grün, Grön

Watch the polarity!  
Attention à la polarité!

COLOR-2,5

LD..

CATHODE

7X



- ◇ R6 ... R8 : 4K7
  - ◇ R9 ... R15 : 2K2
  - ◇ R16 ... R22 : 1K
  - ◇ R23, R24 : 5K6
- (Yellow, Purple, Red) - (Gelb, Paars, Rood) - (Jaune, Violet, Rouge) - (Gelb, Violet, Rot) - (Gul, Lila, Rood) - (Keltainen, Purppura, Punainen) - (Amarillo, Morado, Rojo) - (Amarelo, Violeta, Encarnado)
- (Red, Red, Red) - (Rood, Rood, Rood) - (Rouge, Rouge, Rouge) - (Rot, Rot, Rot) - (Röd, Röd, Röd) - (Punainen, Punainen, Punainen) - (Rojo, Rojo, Rojo) - (Encarnado, Encarnado, Encarnado)
- (Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marron, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)
- (Green, Blue, Red) - (Groen, Blauw, Rood) - (Vert, Bleu, Rouge) - (Grün, Blau, Rot) - (Grön, Blå, Röd) - (Vihreä, Sininen, Punainen) - (Marrón, Azul, Rojo) - (Verde, Azul, Encarnado) - (Verde, Blu, Rosso)

4

Transistors

5

Switch

6

Trimmer

7

Electrolytic capacitors

◇ T1 ... T5 : BC547B

◇ SW1 : ON

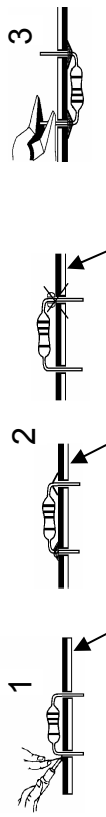
◇ RV1 : 220K (Sensitivity)

◇ C1 : 47µF  
◇ C2 : 1µF  
◇ C3 : 10µF  
◇ C4 : 4.7µF

- 3
- Zenerdiode
- Watch the polarity!  
Attention à la polarité!
- ◇ ZD1 : 9V1

- 2
- Diodes
- Watch the polarity!  
Attention à la polarité!
- ◇ D1, D2 : BAT85

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START 1

2

3

Resistor - Weerstand - Resistencia - Widerstand - Resistenz

◇ R1 : 100

◇ R2 : 4K7

◇ R3 : 68K

◇ R4 : 4M7

◇ R5 : 10K

- (Brown, Black, Brown) - (Bruin, Zwart, Bruin) - (Brun, noir, Brun) - (Braun, Schwarz, Braun) - (Bron, Svar, Bron) - (Ruska, Musta, Ruskea) - (Marrón, Negro, Marrón) - (Castanho, Preto, Castanho) - (Marrone, Nero, Marrone)
- (Yellow, Purple, Red) - (Gelb, Paars, Rood) - (Jaune, Violet, Rouge) - (Gelb, Violet, Rot) - (Gul, Lila, Röd) - (Keltainen, Purppura, Punainen) - (Amarillo, Morado, Rojo) - (Amarelo, Violeta, Encarnado) - (Giallo, Viola, Rosso)
- (Blue, Grey, Orange) - (Blauw, Grijs, Oranje) - (Bleu, Gris, Orange) - (Blau, Grau, Orange) - (Blå, Grå, Orange) - (Sininen, Harmaa, Oranssi) - (Azul, Gris, Naranja) - (Azul, Cinzento, Laranja) - (Blu, Grigio, Aranciate)
- (Yellow, Purple, Green) - (Gelb, Paars, Groen) - (Jaune, Violet, Vert) - (Gelb, Violet, Grün) - (Gul, Lila, Grön) - (Keltainen, Purppura, Vihreä) - (Amarillo, Morado, Verde) - (Amarelo, Violeta, Verde) - (Giallo, Viola, Verde)
- (Brown, Black, Orange) - (Bruin, Zwart, Oranje) - (Brun, noir, Orange) - (Braun, Schwarz, Orange) - (Bron, Svart, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranja) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciate)

9

Battery

