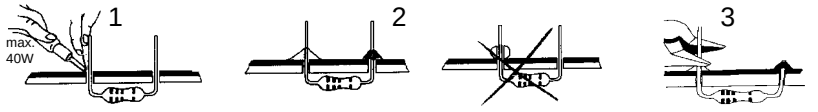
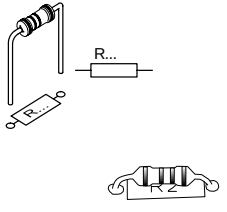
Soldering - Solderen - Soudage - Löten - Soldadura - Lödning - Juottami nen - Saldatura - Solda



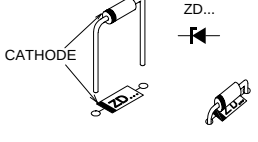
START

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



◊ R1 ... R4 : 10K	(Brown, Black, Orange) - (Bruin, Zwart, Oranje) - (Brun, noir, Orange) - (Braun, Schwarz, Orange) - (Brun, Svart, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranjado) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciato)
◊ R5 ... R9 : 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)
◊ R10 ... R12: 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)
◊ R13 : 1	(Brown, Black, Gold) - (Bruin, Zwart, Goud) - (Brun, Noir, Or) - (Braun, Schwarz, Gold) - (Brun, Svart, Guld) - (Ruskea, Musta, Kulta) - (Marrón, Negro, Oro) - (Castanho, Preto, Dourado) - (Marrone, Nero, Oro) - (Brun, Sort, Guld)
◊ R14 : 68K	(Blue, Grey, Orange) - (Blauw, Grijs, Oranje) - (Bleu, Gris, Oranje) - (Blau, Grau, Orange) - (Blå, Grå, Orange) - (Sininen, Harmaa, Oranssi) - (Azul, Gris, Naranjado) - (Azul, Cinzento, Laranja) - (Blu, Grigio, Aranciato) - (Blå, Grå,
◊ R15 : 270K	(Red, Purple, Yellow) - (Rood, Paars, Geel) - (Rouge, Violet, Gelb) - (Rot, Violet, Gul) - (Röd, Lila, Gul) -(Punainen, Purppura, Keltainen) - (Rojo, Morado, Amarillo) - (Encarnado, Violeta, Amarelo) - (Rosso, Viola, Giallo) - (Sort, Violet, Gul)
◊ R16, R17 : 470	(Yellow, Purple, Brown) - (Geel, Paars, Bruin) - (Jaune, Violet, Brun) - (Gelb, Violet, Braun) - (Gul, Lila, Brun) - (Keltainen, Purppura, Ruskea) - (Amarillo, Morado, Marrón) - (Amarelo, Violeta, Castanho) - (Giallo, Viola, Marrone) - (Gul, Violet, Brun)
◊ R18 : 0	(Black) -(zwart) -(noir) -(Schwarz) -(Svart) -(Musta) -(Negro) -(Preto) -(Nero)

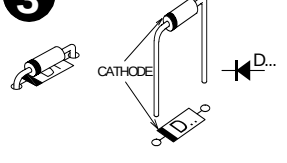
2 ZENER DIODES



Watch the polarity ! Attention à la polarité !

◊ ZD1 : 4V7

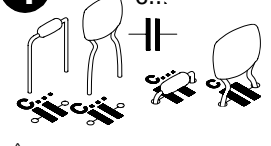
3 DIODE



Watch the polarity ! Att. à la polarité !

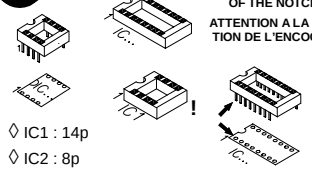
◊ D1 : 1N4007
◊ D2 ... D4 : 1N4148

4 CAPACITORS



◊ C2 ... C7 : 100nF (104)
◊ C8 : 3n3 (332)
◊ C9 : 27nF (273)

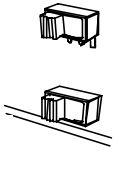
5 IC SOCKET



WATCH THE POSITION OF THE NOTCH !
ATTENTION A LA POSITION DE L'ENCOCHE !

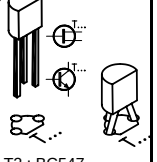
◊ IC1 : 14p
◊ IC2 : 8p

6 SWITCH



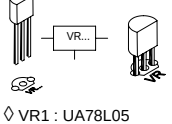
◊ SW1
◊ SW2

7 TRANSISTORS



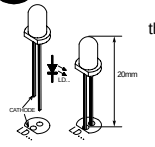
◊ T1, T2 : BC547

8 VOLTAGE REGULATORS



◊ VR1 : UA78L05
◊ VR2 : UA78L08

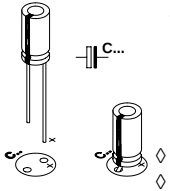
9 LED



Watch the polarity !
Attention à la polarité !

◊ LD1 : CLAP
◊ LD2 : RELAY ON

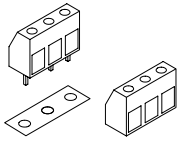
10 ELECTROLYTIC CAPACITORS



Watch the polarity !
Attention à la polarité !

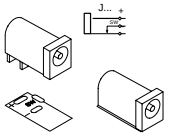
◊ C1 : 470 µF
◊ C10 : 1µF

11 CONNECTORS



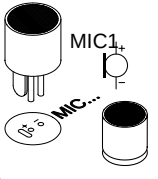
◊ SK3 : 3p

12 POWER JACK



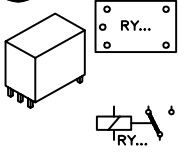
◊ SK1

13 MICROPHONE



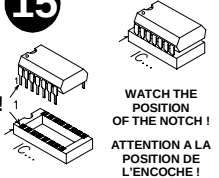
◊ Mic 1

14 RELAY



◊ RY1 : VR15M121C

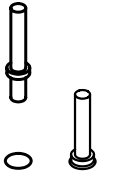
15 IC



WATCH THE POSITION OF THE NOTCH !
ATTENTION A LA POSITION DE L'ENCOCHE !

◊ IC1 : LM324 or eq.
◊ IC2 : PIC 12C508A

16 PCB TABS



◊ SK2 : +
◊ SK2 : -