

START

1

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

◇ R1, R2 : 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)

◇ R3 : 47

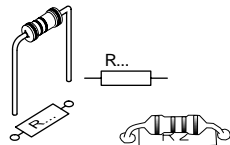
(Yellow, Purple, Black) - (Geel, Paars, Zwart) - (Jaune, Violet, Noir) - (Gelb, Violet, Schwarz) - (Gul, Lila, Svart) - (Keltainen, Purppura, Musta) - (Amarillo, Morado, Negro) - (Amarelo, Violeta, Preto) - (Giallo, Viola, Nero)

◇ R4 ... R6 : 33K

(Orange, Orange, Orange) - (Oranje, Oranje, Oranje) - (Oranssi, Oranssi, Oranssi) - (Naranjado, Naranjado, Naranjado) - (Laranja, Laranja, Laranja) - (Aranciato, Aranciato, Aranciato)

◇ R7 ... R9 : 100K

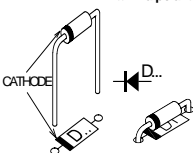
(Brown, Black, Yellow) - (Bruin, zwart, Geel) - (Brun, noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)



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DIODES

Watch the polarity!
Att. À la polarité!

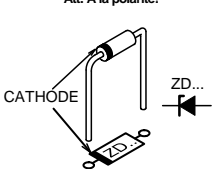


◇ D1, D2 : 1N4148

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ZENERDIODE

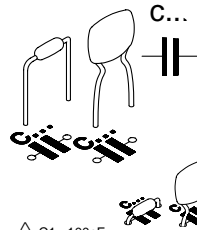
Watch the polarity!
Att. À la polarité!



◇ ZD1 : 5V1

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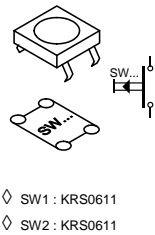
CAPACITOR



◇ C1 : 100nF

5

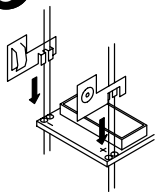
PUSH BUTTON



◇ SW1 : KRS0611
◇ SW2 : KRS0611

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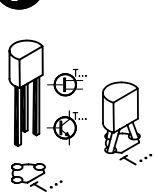
BATTERY CONTACTS



◇ +
◇ -

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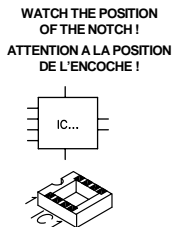
TRANSISTORS



◇ T1 : BC639

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IC SOCKET

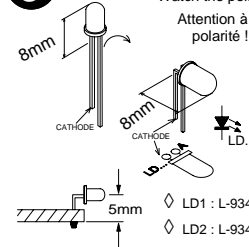


◇ IC1 : 8p

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IR LED's

Watch the polarity!
Attention à la polarité!

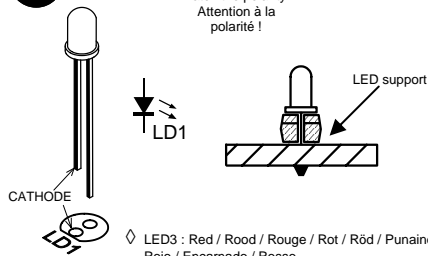


◇ LD1 : L-934F3BT
◇ LD2 : L-934F3BT

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LEDs

Watch the polarity!
Attention à la polarité!

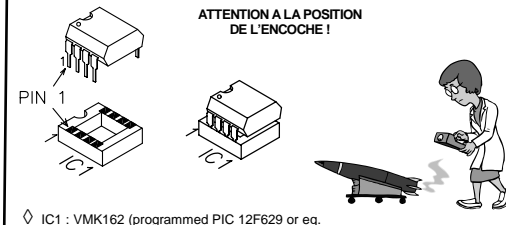


◇ LED3 : Red / Rood / Rouge / Rot / Röd / Punainen / Rojo / Encarnado / Rosso

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IC

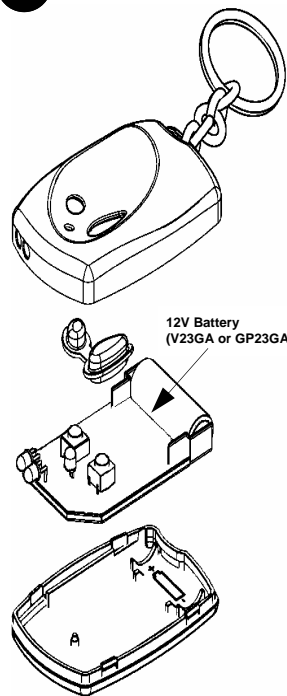
WATCH THE POSITION
OF THE NOTCH!
ATTENTION A LA POSITION
DE L'ENCOCHE!



◇ IC1 : VMK162 (programmed PIC 12F629 or eq.)

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ASSEMBLY



SCHEMATIC DIAGRAM

