

**11** LED'S

Watch the polarity!  
Attention à la polarité!

**1** **2** **3**

**4** max. 3mm

OK

LD...

CATHODE

**1** **START**

max 40W

**1** **2** **3**

Resistor - Widerstand - Resistencia - Widerstand - Resistencia - Widerstand - Resistencia

◇ R1 ... R7, R12 : 270  
◇ R16 : 47K  
◇ R9 : 470  
◇ R10, R11, R14, R15 : 4K7  
◇ R13 : 22K  
◇ R17 : 10K  
◇ R18 : 100K

R..

◇ V1 : 78L06

**12** CRYSTAL

X... 1MHz

**13** IC

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

IC...

PIN 1

◇ IC1 : SVK151 (Programmed Pic 16C54C-04)

**14** DC FEMALE PLUG

SOLDERSIDE

Min. 1mm

◇ SK1 : 9V AC/DC IN

**2** DIODE

CATHODE

◇ D1 : BAT85  
◇ D2 ... D4, D6, D7 : 1N4007  
◇ D5, D8 : 1N4148

**3** CAPACITOR

◇ C1, C7, C8 : 100nF (104)  
◇ C2 : 22pF (22K)  
◇ C3 : 6.9pF (6.8)  
◇ C5 : 10nF (103)

**4** IC SOCKET

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

IC...

◇ IC1 : 18p

**5** TRANSISTOR

◇ T1 ... T5 : BC547

**15** PUSH BUTTON

SW...

**16** BACKUP - BATTERY

PLACE 3 'AA' BATTERIES HERE!

Watch the polarity!  
Att. à la polarité!

Red - Rood - Rouge - Rot  
Röd - Punainen - Rojo  
Encarnado - Rosso

Black - zwart - noir - Schwarz - Svart - Musta - Negro - Preto - Nero

**6** VOLTAGE REGULATOR

VR...

**7** TRIM CAPACITOR

◇ CV1 : 2 - 10pF

CLOCK ADJUST:

SLOWER NORMAL FAST

**8** RESISTOR

Yellow, Purple, Orange) - (Gelb, Paars, Orange) - (Jaune, Violet, Orange) - (Gelb, Violett, Orange) - (Gul, Lila, Röd) - (Keltainen, Purppura, Ruskea) - (Amarillo, Marrón) - (Amarelo, Violeta, Castaño) - (Giallo, Viola, Marrone) - (Gul, Violet, Bruin)

◇ R8 - 47K

**9** ELECTROLYTIC CAPACITORS

Watch the polarity!  
Att. A la polarité!

◇ C4 : 47µF  
◇ C6 : 330µF

**10** DISPLAYS

◇ DY1 ... DY4 : SC36-11EVA