

# Komponentliste

# 1

## 1.1 VBTE

| Komponent              | Komponent værdi | Antal |
|------------------------|-----------------|-------|
| Modstand               | 68K ohm         | 2     |
| Modstand               | 10K ohm         | 4     |
| Modstand               | 2.2K ohm        | 1     |
| Modstand               | 1.3K ohm        | 1     |
| Modstand               | 1.2K ohm        | 2     |
| Variable modstand      | 10K ohm         | 1     |
| Kondensator            | 10uF            | 1     |
| Transistor             | BC547B          | 2     |
| Transistor             | BD139           | 3     |
| Microcontroller system | PSoC5 FT        | 1     |
| Stik                   | DC-konnektor    | 1     |
| Stik                   | stereo jack 3.5 | 1     |
| Switch                 | dip-switch (2)  | 1     |
| Switch                 | push-switch     | 1     |
| Konnektor              | female 16 pin   | 1     |
| Konnektor              | female 14 pin   | 2     |
| Konnektor              | female 3 pin    | 3     |

## 1.2 SM

| Komponent              | Komponent værdi | Antal |
|------------------------|-----------------|-------|
| Modstand               | 4.7K ohm        | 2     |
| Modstand               | 150 ohm         | 2     |
| LED                    | Grøn kingbright | 1     |
| LED                    | Rød kingbright  | 1     |
| Kondensator            | 100nF           | 5     |
| IC                     | st3232cn        | 1     |
| Microcontroller system | PSoC5 FT        | 1     |
| Stik                   | stereo jack 3.5 | 1     |
| Stik                   | DB9             | 1     |
| Konnektor              | female 14 pin   | 2     |

### 1.3 Strømforsyning

| Komponent   | Komponent værdi | Antal |
|-------------|-----------------|-------|
| Modstand    | 1.3K ohm        | 1     |
| Modstand    | 820 ohm         | 1     |
| Modstand    | 270 ohm         | 1     |
| Modstand    | 150 ohm         | 1     |
| Kondensator | 100uF           | 2     |
| Kondensator | 100nF           | 2     |
| Kondensator | 2200uF          | 1     |
| IC          | Lm117           | 2     |
| Sikring     | 4 amp           | 1     |
| Diodebro    | kbl-04          | 1     |