ETF
ElektroTekniska Föreningen
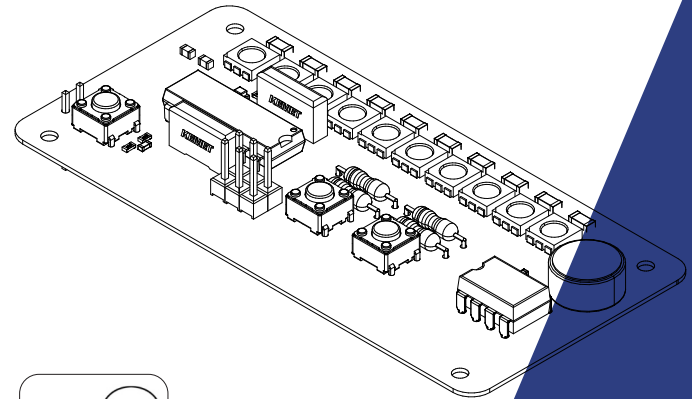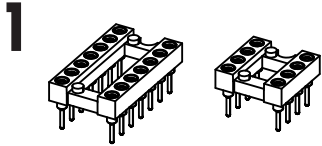### Lunds Tekniska Högskola

Discø Lights

Assembly Manual

- To start the device, press and hold PWR button until all LEDs have lit up, then release.

- Click BTN2 to cycle forwards through patterns, and BTN1 to cycle backwards.

- Hold BTN1 and click BTN2 to change color for the current pattern. Hold BTN2 and click BTN1 to cycle backwards

- Hold BTN2 for more than 0.5s to increase color intensity. Hold BTN1 for more than 0.5s to decrease color intensity

- Press both BTN1 and BTN2 simultaneously to show battery status

- To turn the device off, press and hold PWR button until all LEDs have turned off, then release.
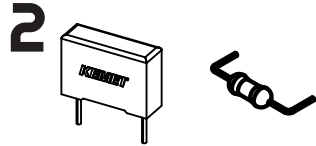
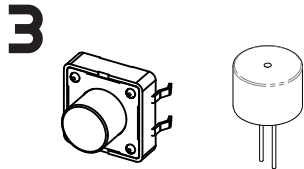Jonathan Sönnerup && Christoffer Cederberg, 2024

INSTRUCTIONS

1

Install the IC sockets. Make sure they are facing the correct way by looking for the small indent, and align it with the markings on the PCB (circuit board).

2

Install the capacitors (grey boxes) and the resistors. **NOTE**: R1, R2 are 1k, whereas R3, R4 are 10k.

3

Install the buttons and the microphone. They will only fit one way which you will see.

4

PARTY!

Disco Lights

ETF i samarbete med Evidente
Friskt kopplat, hälften brunnt

MK1 U5 C12 D10 C11 D9 R4 R2 C10 D8 BTN2 C9 D7 C8 D6 BTN1 C7 D5 R3 R1 C6 D4 P2 C5 D3 C24 U6 C25 C4 D2 C3 D1 PWR