

# Part List

## 1 Sequencer

Arduino Nano 33 BLE - <b>TFLite compatible</b> Arduino Nano Every - <b>not TFLite compatible</b>	1	
2.42" OLED display	1	<a href="https://www.amazon.co.uk/gp/product/B07G25D4MV/ref=ox_sc_act_title_1?smid=A20YQMAUQB5N00&amp;psc=1">https://www.amazon.co.uk/gp/product/B07G25D4MV/ref=ox_sc_act_title_1?smid=A20YQMAUQB5N00&amp;psc=1</a>
Front-lit LED strips	1	<a href="https://www.sparkfun.com/products/14730">https://www.sparkfun.com/products/14730</a>
Side-lit LED strips	1	<a href="https://www.sparkfun.com/products/14731">https://www.sparkfun.com/products/14731</a>
Push button	24	
EC11 digital rotary encoder	1	<a href="https://www.amazon.co.uk/Gikfun-Encoder-Digital-Potentiometer-EK2045x4U/dp/B07FYHG2QZ/ref=sr_1_3_sspa?keywords=rotary+encoder&amp;qid=1572185207&amp;sr=8-3-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFJQ0dNTzRFWEszTjImZW5jcnlwdGVkSWQ=">https://www.amazon.co.uk/Gikfun-Encoder-Digital-Potentiometer-EK2045x4U/dp/B07FYHG2QZ/ref=sr_1_3_sspa?keywords=rotary+encoder&amp;qid=1572185207&amp;sr=8-3-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFJQ0dNTzRFWEszTjImZW5jcnlwdGVkSWQ=</a>
Single sided proto board	1	
1N4148 diodes	24	

## 2 Mods

### 2.1 Screen

Screen backlight	1
Bivert chip	1

### 2.2 Sound

PAM8403 digital amplifier	1
Potentiometer	1

## 2.3 Midi

Arduino nano	1
6NI38 optocoupler chip	1
1N914 diode	1
220 $\Omega$ resistor	2
270 $\Omega$ resistor	1
2 $k\Omega$ resistor	7
Push button	1
5 pin DIN socket	2
DMG-04 game link cable	1
LED	6

## 2.4 Power

Turnigy nano-tech 2000mah 2S 15 25C Lipo	1	<a href="https://hobbyking.com/en_us/turnigy-nano-tech-2000mah-2s-15-25c-lipo-airsoft-pack.html">https://hobbyking.com/en_us/turnigy-nano-tech-2000mah-2s-15-25c-lipo-airsoft-pack.html</a>
HobbyKing B3AC 2-3S AC Compact Charger	1	<a href="https://hobbyking.com/en_us/hobbykingr-b3ac-compact-charger-eu-plug.html">https://hobbyking.com/en_us/hobbykingr-b3ac-compact-charger-eu-plug.html</a>