

Part List

1 Sequencer

Arduino Nano 33 BLE - TFLite compatible Arduino Nano Every - not TFLite compatible	1	
2.42" OLED display	1	https://www.amazon.co.uk/gp/product/B07G25D4MV/ref=ox_sc_act_title_1?smid=A20YQMAUQB5N00&psc=1
Front-lit LED strips	1	https://www.sparkfun.com/products/14730
Side-lit LED strips	1	https://www.sparkfun.com/products/14731
Push button	34	
EC11 digital rotary encoder	1	https://www.amazon.co.uk/Gikfun-Encoder-Digital-Potentiometer-EK2045x4U/dp/B07FYHG2QZ/ref=sr_1_3_sspa?keywords=rotary+encoder&qid=1572185207&sr=8-3-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmYWVzPUEPUFJQOdNTzRFWEszTjImZW5jcnlwdGVkSWQK=&pf_rd_p=80300000-0000-4000-8000-000000000000
Single sided proto board	1	
1N4148 diodes	34	

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 Ω resistor	2
270 Ω 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	https://hobbyking.com/en_us/turnigy-nano-tech-2000mah-2s-15-25c-lipo-airsoft-pack.html
HobbyKing B3AC 2-3S AC Compact Charger	1	https://hobbyking.com/en_us/hobbykingr-b3ac-compact-charger-eu-plug.html