

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	24	
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=ZW5jcmlwdGVkUXVhbGlmYWVyaW50dNTzRfWEszTjImZW5jcmlwdGVkSWQK
Single sided proto board	1	

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 2000mAh 1S 1C Lipo	1	https://hobbyking.com/en_us/turnigy-2000mah-1s-1c-lipoly-w-2-pin-jst-ph-connector.html?wrh_pdp=7
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