

Item	Quantity	Link	Notes
Uranium glass marble (5/8" diameter)	6	<a href="http://unitednuclear.com/index.php?main_page=product_info&amp;products_id=1143">http://unitednuclear.com/index.php?main_page=product_info&amp;products_id=1143</a>	
Geiger counter board	1	<a href="https://rhelectronics.net/store/radiation-detector-geiger-counter-diy-kit-second-edition.html">https://rhelectronics.net/store/radiation-detector-geiger-counter-diy-kit-second-edition.html</a>	
Arduino Nano	1	<a href="https://www.amazon.com/gp/product/B0097AU5OU">https://www.amazon.com/gp/product/B0097AU5OU</a>	
Adafruit DS3231 RTC Module	1	<a href="https://www.adafruit.com/product/3013">https://www.adafruit.com/product/3013</a>	
MCP23008 I/O Expander	1	<a href="https://www.adafruit.com/product/593">https://www.adafruit.com/product/593</a>	U1 on Control Panel Board
5 kOhm Resistor	4		R1-R4 on Control Panel Board
Nixie Tube Driver Module	8	<a href="https://www.tindie.com/products/dekuNukem/exixe-miniture-nixie-tube-driver-modules/">https://www.tindie.com/products/dekuNukem/exixe-miniture-nixie-tube-driver-modules/</a>	
IN-12 Nixie Tube	8	<a href="https://www.ebay.com/itm/332809634199">https://www.ebay.com/itm/332809634199</a>	
High Voltage Module	1	<a href="https://www.ebay.com/itm/322511957768">https://www.ebay.com/itm/322511957768</a>	HV source for Nixie Display Board
LD1117V33 Voltage Regulator	1	<a href="https://www.amazon.com/gp/product/B01N09X4E8">https://www.amazon.com/gp/product/B01N09X4E8</a>	U1 on Nixie Display Board
.1 uF Capacitor	1		C1 on Nixie Display Board
10 uF Capacitor	2		C1 on Control Panel Board, C2 on Nixie Display Board
UV LED (5 mm)	3		For uranium sample holder
3-Position Rotary Switch	1	<a href="https://www.amazon.com/gp/product/B07JLYHLZD">https://www.amazon.com/gp/product/B07JLYHLZD</a>	
Toggle Switch	4	<a href="https://www.amazon.com/gp/product/B01M3261RL">https://www.amazon.com/gp/product/B01M3261RL</a>	
LED Holder (3 mm)	4	<a href="https://www.amazon.com/gp/product/B07D9HCNDX">https://www.amazon.com/gp/product/B07D9HCNDX</a>	
Pushbutton	1	<a href="https://www.amazon.com/gp/product/B079KNH25E">https://www.amazon.com/gp/product/B079KNH25E</a>	
Red LED (3 mm)	4		
Stainless Steel Front Panel	1	<a href="https://www.oshcut.com/">https://www.oshcut.com/</a>	File: parts/front_panel.dxf
Enclosure	1		Files: parts/enclosure_[big, small]_half.stl
Rotary Switch Lock Plate	1		File: parts/lock_plate.stl
Acrylic Rear Panel	1	<a href="https://www.ponoko.com/">https://www.ponoko.com/</a>	File: parts/rear_panel.svg
Nixie Display Board	1	<a href="https://oshpark.com/">https://oshpark.com/</a>	File: display_pcb/nixie_display_board.kicad_pcb
Logic Board	1	<a href="https://oshpark.com/">https://oshpark.com/</a>	File: logic_pcb/rad_dice_logic_board.kicad_pcb
Control Panel Board	1	<a href="https://oshpark.com/">https://oshpark.com/</a>	File: front_panel_pcb/panel_board.kicad_pcb
Panel Mount USB Cable	1	<a href="https://www.amazon.com/gp/product/B00S6GY0VU">https://www.amazon.com/gp/product/B00S6GY0VU</a>	
Piezo Speaker	1	<a href="https://www.amazon.com/gp/product/B074CFZ5Z9">https://www.amazon.com/gp/product/B074CFZ5Z9</a>	
Female Pin Headers	Lots		
Male Pin Headers	Lots		
Female-Female Dupont Wire (10 cm)	Lots		
Female-Female Dupont Wire (20 cm)	Some		
Brass Hex Standoffs	Lots		
M3 Screws	Lots		