Component	Use in design	Quantity	Preferred Vendor
Arduino Uno Rev3	Arduino - Main Driver	1	SeeedStudio
Base Shield V2	Arduino Shield to connect everything	1	SeeedStudio
Grove - Universal 4 Pin Buckled 50cm Cable (5 PCs Pack)	4-Pin cables to connect sensors, LEDs, LCD, etc.,	As required	SeeedStudio
Grove - Universal 4 Pin 20cm Unbuckled Cable (5 PCs Pack)	4-Pin cables to connect sensors, LEDs, LCD, etc.,	As required	SeeedStudio
Grove - Ultrasonic Distance Sensor	Sensor to. detect if lid's open	1	SeeedStudio
Grove - Touch Sensor	Touch sensor to start the sanitisation process	1	SeeedStudio
Grove - LCD RGB Backlight	Display to show the status	1	SeeedStudio
Grove - MOSFET	To turn on/off UVC LEDs	1	SeeedStudio
Wall Adapter Power Supply 12VDC 1.2A - Includes 5 adapter plugs	To supply power to Arduino and LEDs	1	SeeedStudio
Adjustable DC&DC Power Converter (1V - 12V&1.5A)	To stepdown 12V to 6.5V, operating voltage for UVC LEDs	1	SeeedStudio
Grove - Variable Color LED V1.1	LED Indicating the status	1	SeeedStudio
Power converter 6 in 1 pack	To supply power from Wall Adaptor to LEDs	1	SeeedStudio
FemtoBuck LED Driver	Constant current LED Driver for UVC LEDs - 1 for each LED Source	4	Sparkfun
WD Series UVC LEDs	WD UVC LEDs from Klaran	4	Klaran