# How to replace the LED

**The LED is where the 3D printer projects UV light through the LCD and cures the resin. The LED may need to be replaced after some time. In the following article, we have divided the post into 2 parts: removing the old LED and installing the new LED.**

## SONIC MINI 8K

**LED Chip-on-Board Replacement:**

**Step 1:** Turn off the printer and unplug the power cable.

**Step 2:** Remove the bottom cover of the printer.

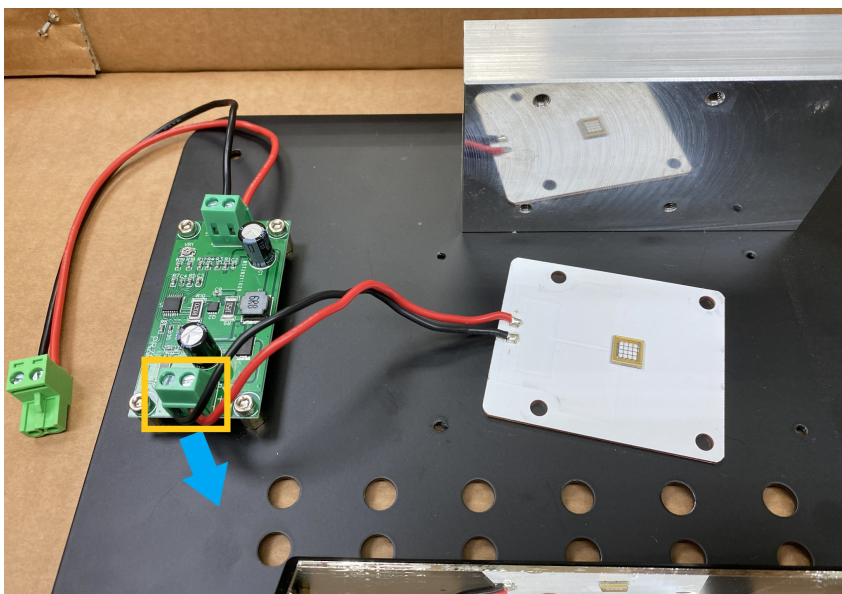**Step 3:** Unplug the LED module.

**Step 4:** Unscrew the black lens hood.

**Step 5:** Unscrew the frame of the LED lens.

**Step 6:** Unscrew the LED chip-on-board.

**Step 7:** Loosen the red and black wires connecting to the LED driver board.

**Step 8:** Remove the old LED chip-on-board.

**Installation of the New LED Chip-on-board:**

**Step 1:** Install the new LED chip-on-board.

**Step 2:** Connect the red and black wires connecting to the LED driver board.

**Step 3:** Screw the frame of the LED lens.

**Step 4:** Screw the black lens hood.

**Step 5:** Plug the LED module.

**Step 6:** Close the bottom cover of the printer, plug the power cable, and turn on the printer.

**Step 7:** Perform the LCD test to ensure that the UV LED is working properly.