

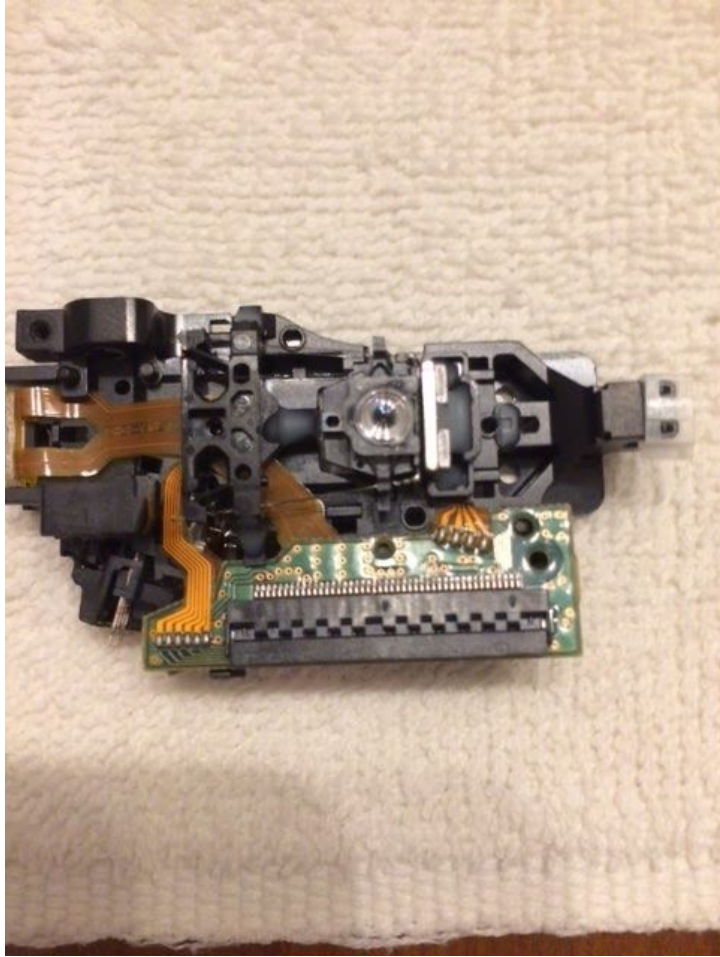
My team and I selected an LG Blu-Ray/DVD player. We selected this electronic device because one of our team members was looking to get rid of it. After disassembling most of the device, I found that the shell houses a total of six motherboards, multiple ribbon cables, and two semiconductors on the central motherboard. The semiconductors seemed to be Mediatek brand. These semiconductors help to conduct electricity and, when used properly, can rectify or amplify. In this case, the semiconductors help read the discs. Through the ribbon cables, electricity is sent to the laser reader and from there, the information is sent to the video and audio display, or TV. In conclusion, we learned that all electronic devices are much more complicated than they may seem. Particularly, that while little seems to be happening, the flow of electricity and information is a complex system of wires, readers, and circuits.



*Picture taken before disassembly*



*Central circuit board, still connected*



*Laser disc reader, unfortunately too small to do much with*



*After disassembly (with a forgotten disc)*