- Notes/Revisions on the LM384 Amplifier Project

o <u>LED</u>

- Mismatch between the footprint used for the LED and the physical component used for assembling the final project.
- Component used part number*: HV-31210/260/SUR-U1930

Potentiometer

- Nonconventional orientation for volume adjustment such that the counterclockwise direction functions as volume-up while the clockwise direction functions as volume-down.
- Component used part number: PTV09A-2020F-A103

Ferrite Bead

- The band where resistive region is significant falls in the tens of megahertz, which is well above the expected power supply noise. A possible solution is to consider reselecting it or replacing it with an inductor.
- Component used part number: 28C0236-0EW-10

o Routing

- Placement of a trace right underneath the heatsink used for the LM317, which might result in an unwanted connection.
 - Referred trace net: C2-Pad1
 - Referred heatsink part number: **HSE-B2111-038**
- Placement of a trace right underneath the heatsink used for the LM384, which might result in an unwanted connection.
 - Referred trace net: Vs
 - Referred heatsink part number: 580200B00000G

^{*} All part numbers used are the manufacturer part number.