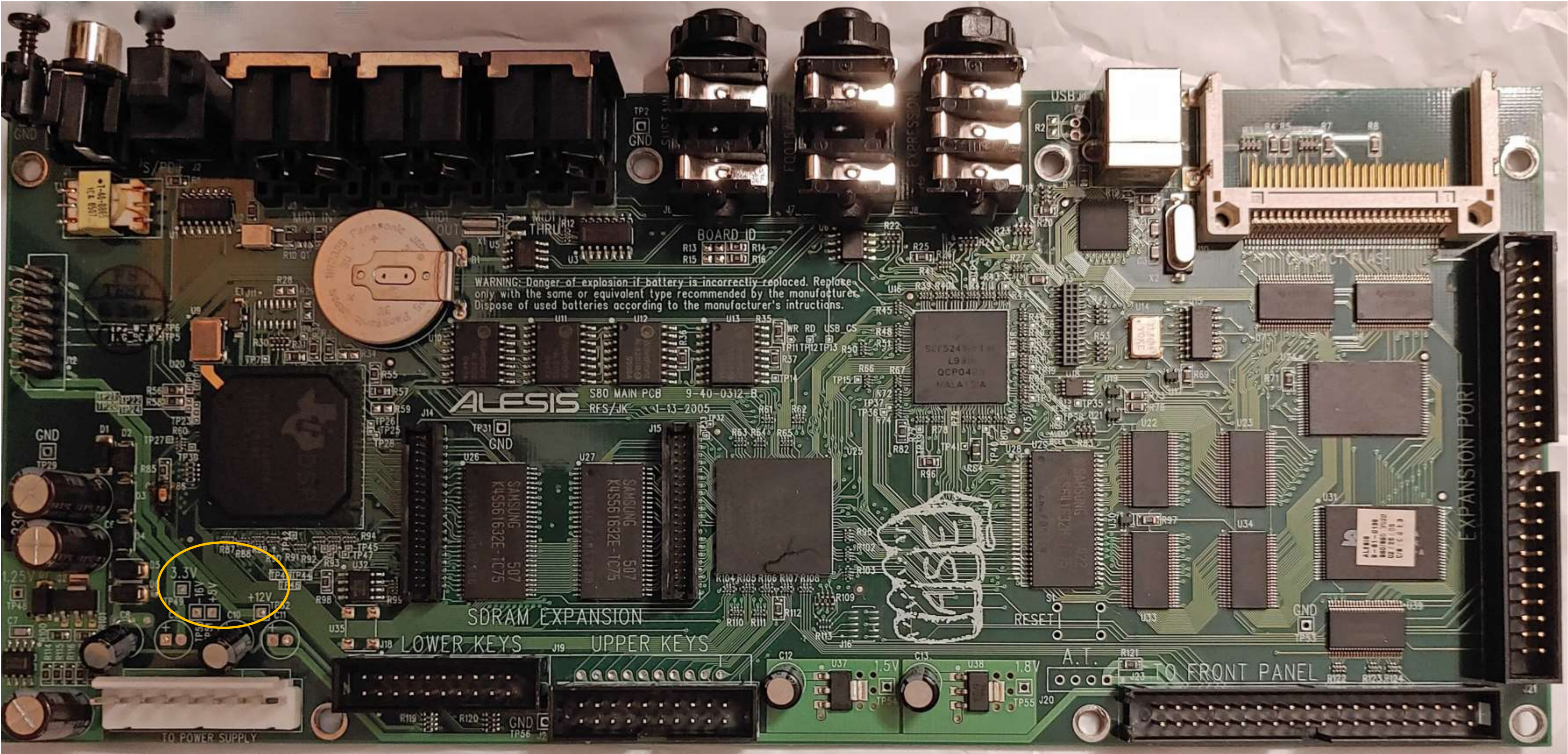


Alesis Fusion 8HD MAIN PCB picture by Jesse M Smith



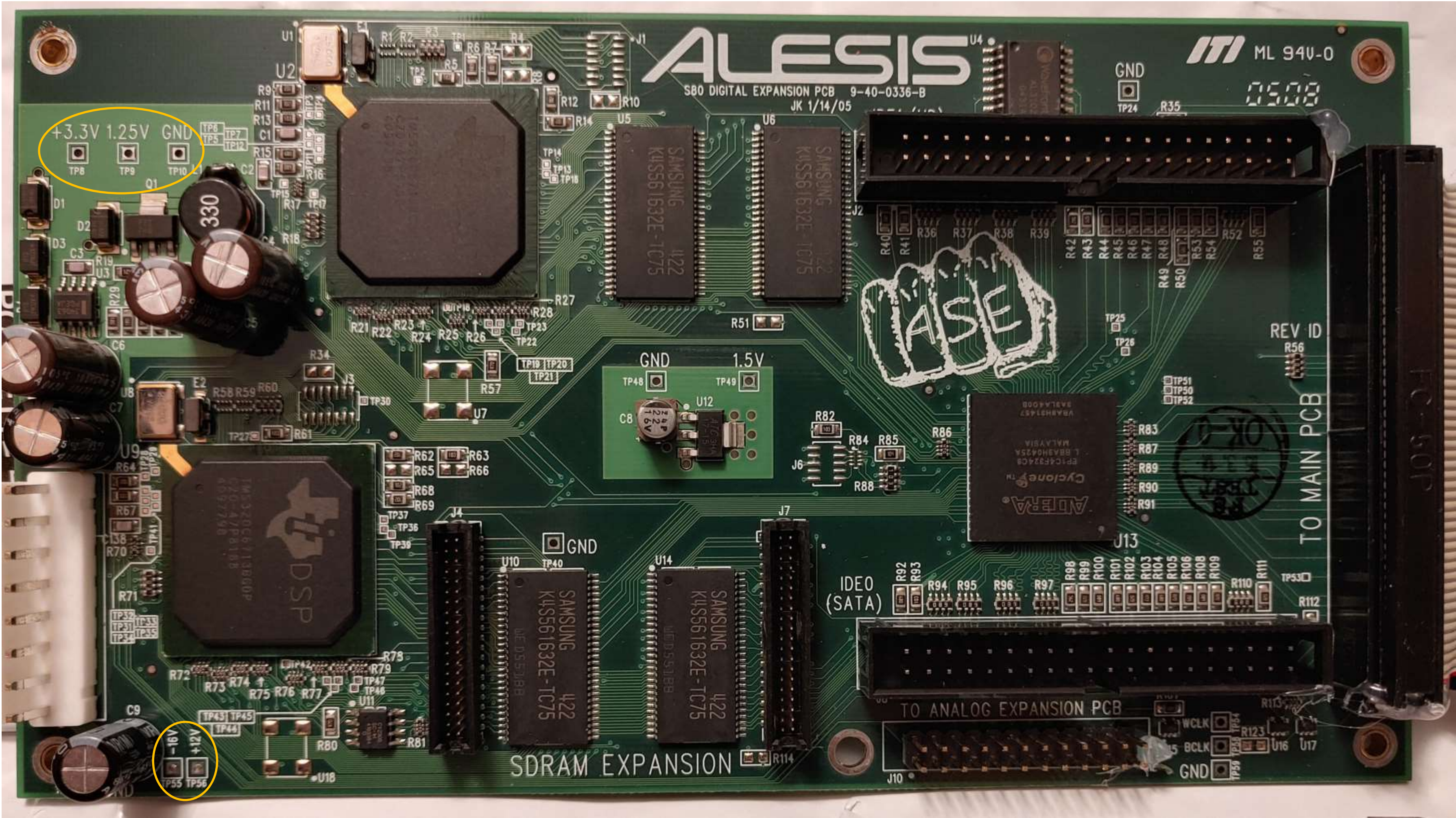
Looking at the polls across four different forums, (3) for the Alesis Fusion and (1) for the MPC 5000 there are five people interested in buying one and another five that don't need a new PSU for now, but they are interested in the new PSU. Daniel is in the process of designing the New PSU, but without a schematic he has to study the new version PSU I loaned him as well as the Fusion's other PCB's to determine the loads on each voltage line. Once Daniel has completed his design and is ready to build the PSU I will get one to install in one of my Fusion 8HD's to test it.

iridium on the Fusion Club forum has been using a PC ATX PSU to power his Alesis Fusion using -12 volt instead of -16 volts since 2017. I have been inspecting my spare Fusion 8HD PCB's and the Main PCB and the Digital Analog PCB both have -16 volts test points on the PCB's So, I am not sure the LCD is the only section that uses -16 volts. Using a lower -12 volt instead of the -16 volt could cause other components to draw more current to make up for the lower voltage.

[quote author="@iridium" source="/post/18453/thread" timestamp="1496406789"] The PC supply haven't 't -16v but -12v It's only use for the LCD, if you have original, LCD you must only Remove a resistance on LCD if you have a new LCD there are no problem (because you use +5v or 3,3v)  
best regards from France [/quote]  
[quote author="@iridium" source="/post/18603/thread" timestamp="1529612422"] [attachment id="221" thumbnail="1"]  
Hi, not 16v for analog board ... at the beginning Alesis use 12v but they've change for the 16v because some problem can be appear on lcd[/quote]

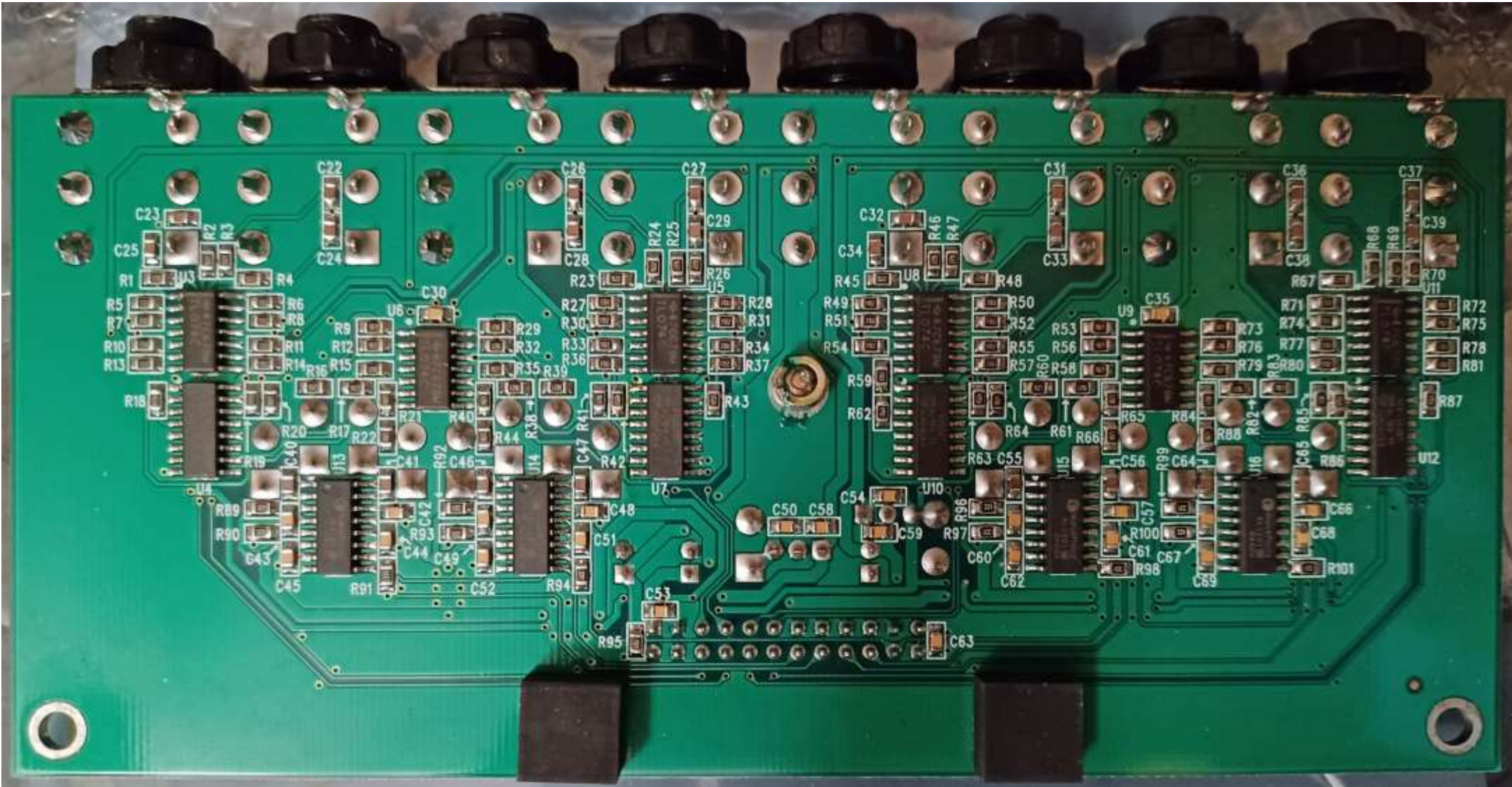


Alesis Fusion 8HD DIGITAL EXPANSION PCB picture by Jesse M Smith



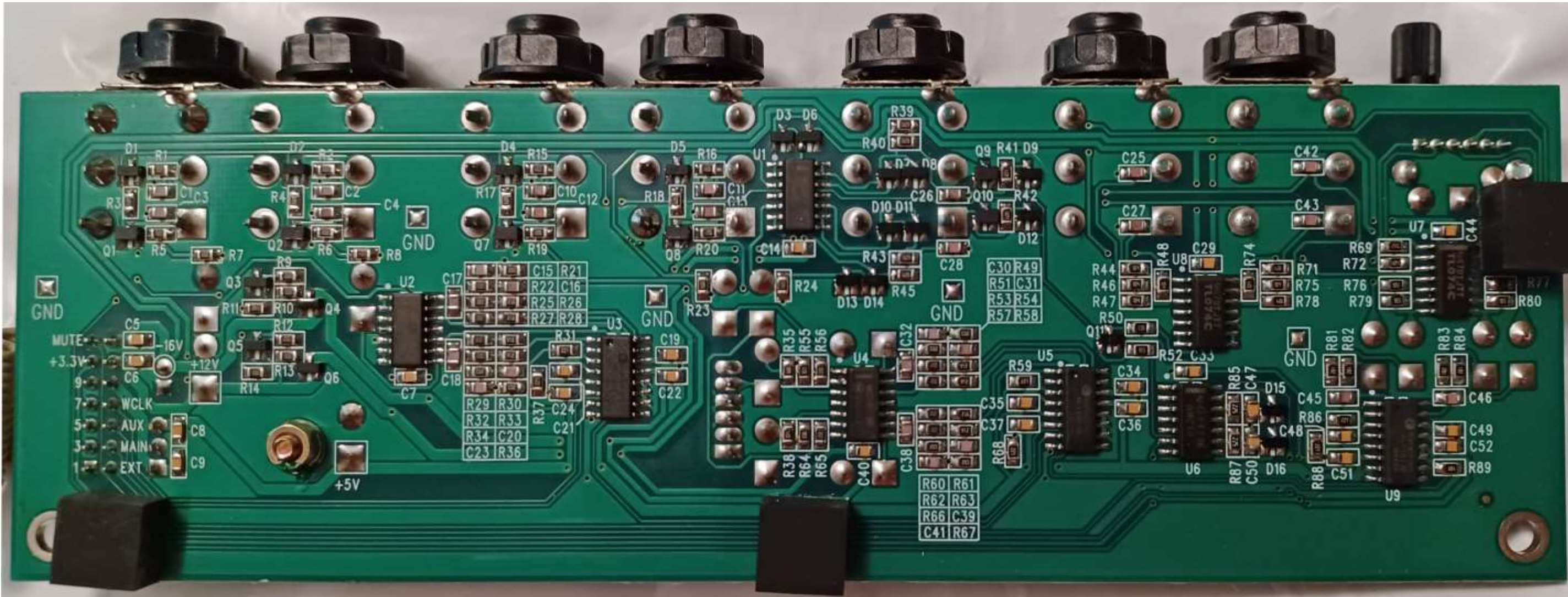
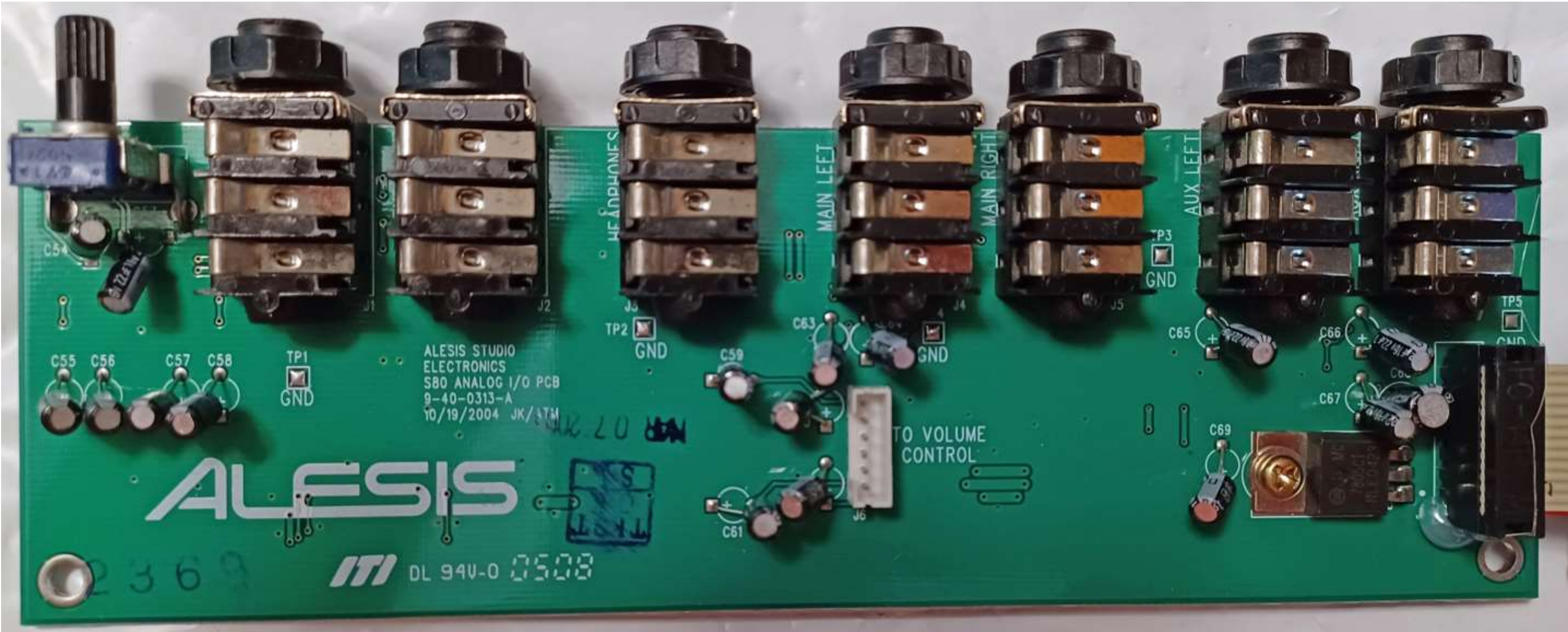


Alesis Fusion 8HD ANALOG EXPANSION PCB picture by Jesse M Smith – Top & Bottom



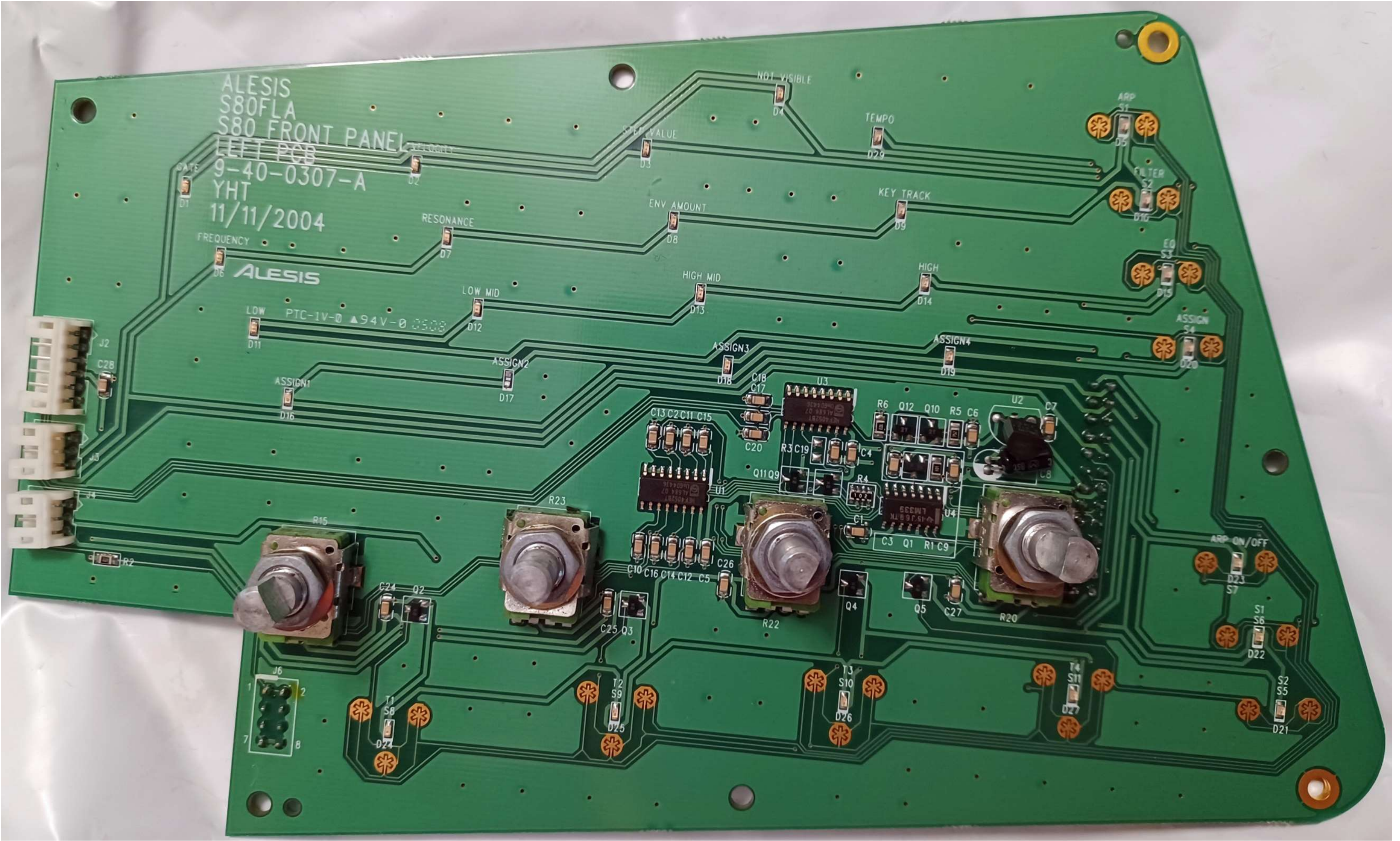


Alesis Fusion 8HD ANALOG I/O PCB picture by Jesse M Smith – Top & Bottom views



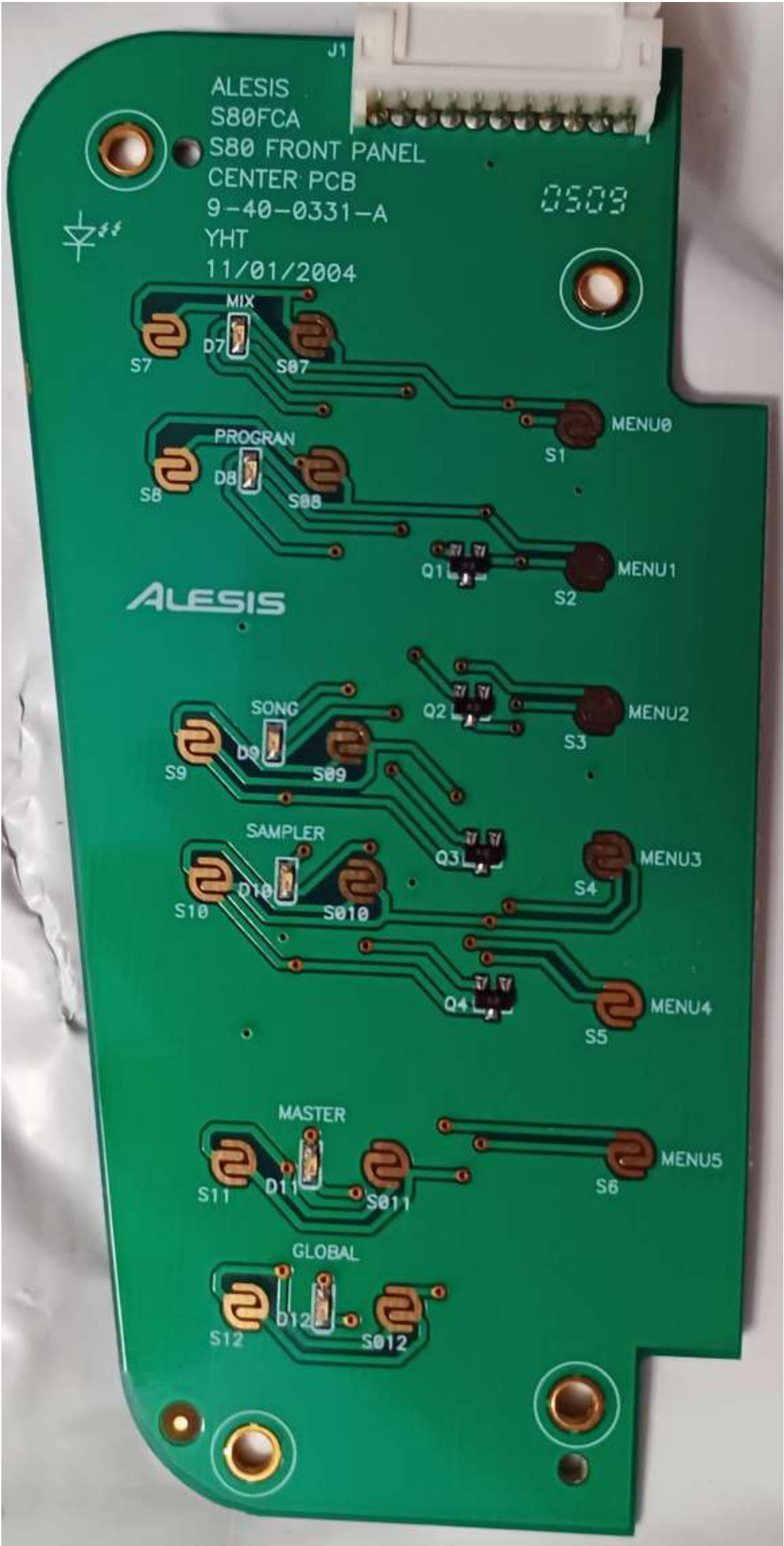


Alesis Fusion 8HD Front Left PCB picture by Jesse M Smith





Alesis Fusion 8HD Front Center PCB picture by Jesse M Smith





Alesis Fusion 8HD Front Right PCB picture by Jesse M Smith

