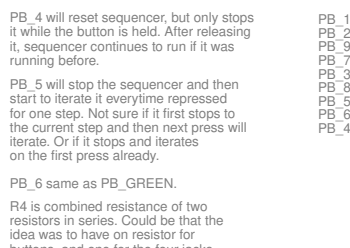
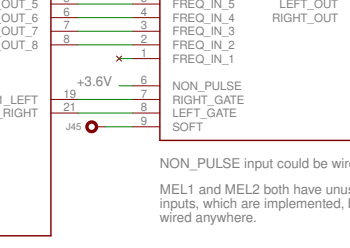
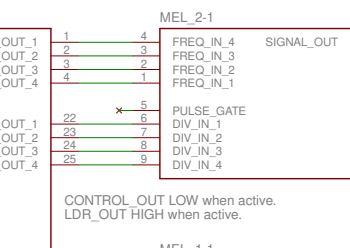
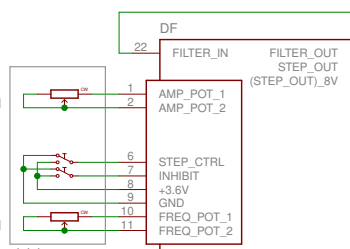
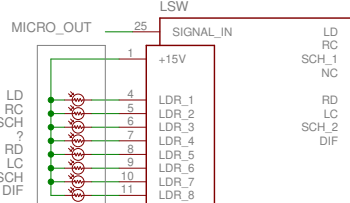
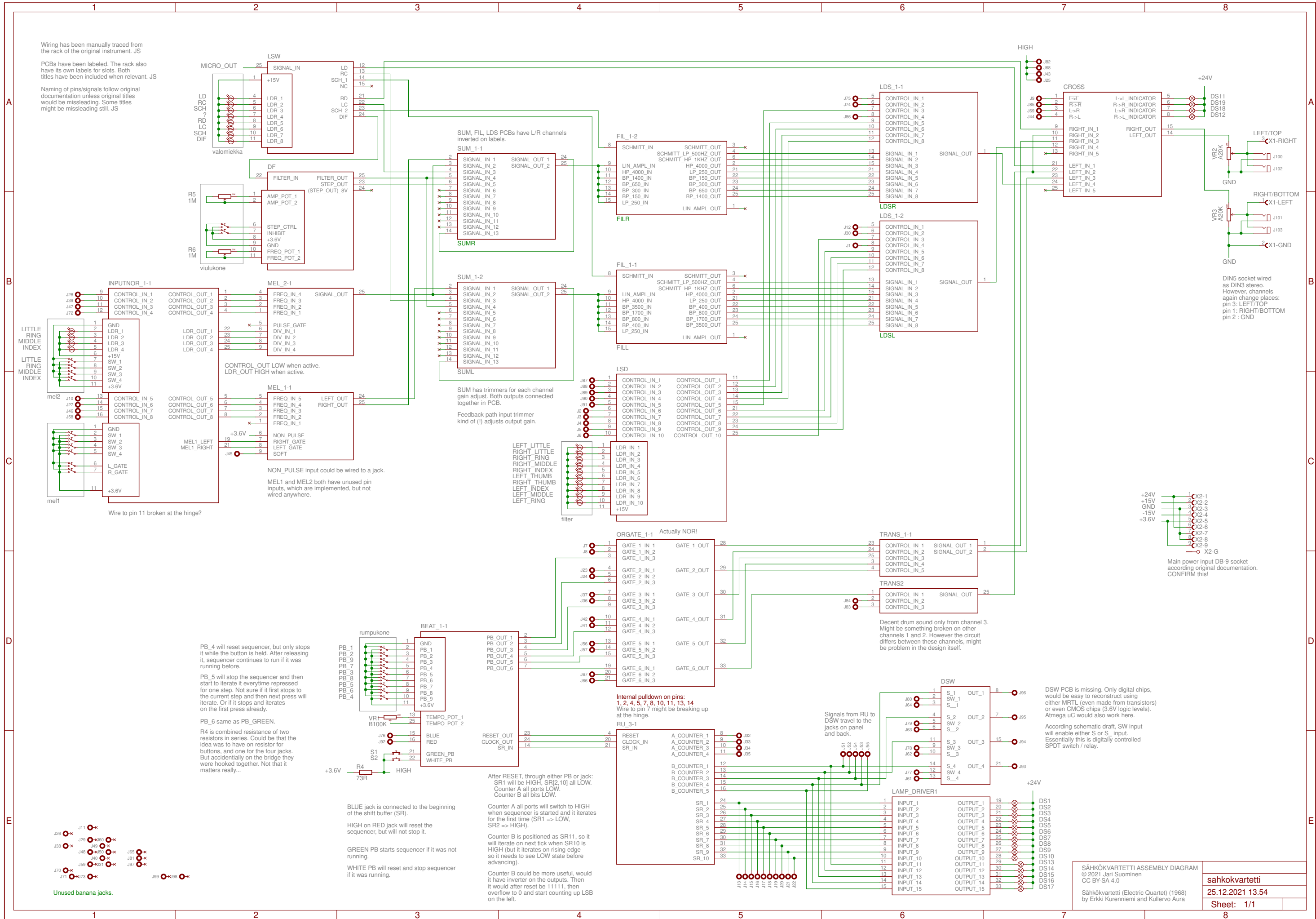


Wiring has been manually traced from the rack of the original instrument. JS

PCBs have been labeled. The rack also have its own labels for slots. Both titles have been included when relevant. JS

Naming of pins/signals follow original documentation unless original titles would be misleading. Some titles might be misleading still. JS



Unused banana jacks.

SUM, FIL, LDS PCBs have L/R channels inverted on labels.

SUM has trimmers for each channel gain adjust. Both outputs connected together in PCB.

Feedback path input trimmer kind of (!) adjusts output gain.

NON_PULSE input could be wired to a jack.

Decent drum sound only from channel 3. Might be something broken on other channels 1 and 2. However the circuit differs between these channels, might be problem in the design itself.

DSW PCB is missing. Only digital chips, would be easy to reconstruct using either MRTL (even made from transistors) or even CMOS chips (3.6V logic levels). Atmega uC would also work here.

According schematic draft, SW input will enable either S or S₁ input. Essentially this is digitally controlled SPDT switch / relay.

Internal pulldown on pins: 1, 2, 4, 5, 7, 8, 10, 11, 13, 14. Wire to pin 7 might be breaking up at the hinge.

Left Little, Right Little, Right Ring, Right Middle, Right Thumb, Left Index, Left Middle, Left Ring.

Sum 1-1, Sum 1-2, Sum 1-3, Sum 1-4, Sum 1-5, Sum 1-6, Sum 1-7, Sum 1-8, Sum 1-9, Sum 1-10, Sum 1-11, Sum 1-12, Sum 1-13.

Sum 2-1, Sum 2-2, Sum 2-3, Sum 2-4, Sum 2-5, Sum 2-6, Sum 2-7, Sum 2-8, Sum 2-9, Sum 2-10, Sum 2-11, Sum 2-12, Sum 2-13.

Sum 3-1, Sum 3-2, Sum 3-3, Sum 3-4, Sum 3-5, Sum 3-6, Sum 3-7, Sum 3-8, Sum 3-9, Sum 3-10, Sum 3-11, Sum 3-12, Sum 3-13.

Sum 4-1, Sum 4-2, Sum 4-3, Sum 4-4, Sum 4-5, Sum 4-6, Sum 4-7, Sum 4-8, Sum 4-9, Sum 4-10, Sum 4-11, Sum 4-12, Sum 4-13.

Sum 5-1, Sum 5-2, Sum 5-3, Sum 5-4, Sum 5-5, Sum 5-6, Sum 5-7, Sum 5-8, Sum 5-9, Sum 5-10, Sum 5-11, Sum 5-12, Sum 5-13.

Sum 6-1, Sum 6-2, Sum 6-3, Sum 6-4, Sum 6-5, Sum 6-6, Sum 6-7, Sum 6-8, Sum 6-9, Sum 6-10, Sum 6-11, Sum 6-12, Sum 6-13.

Sum 7-1, Sum 7-2, Sum 7-3, Sum 7-4, Sum 7-5, Sum 7-6, Sum 7-7, Sum 7-8, Sum 7-9, Sum 7-10, Sum 7-11, Sum 7-12, Sum 7-13.

Sum 8-1, Sum 8-2, Sum 8-3, Sum 8-4, Sum 8-5, Sum 8-6, Sum 8-7, Sum 8-8, Sum 8-9, Sum 8-10, Sum 8-11, Sum 8-12, Sum 8-13.

Sum 9-1, Sum 9-2, Sum 9-3, Sum 9-4, Sum 9-5, Sum 9-6, Sum 9-7, Sum 9-8, Sum 9-9, Sum 9-10, Sum 9-11, Sum 9-12, Sum 9-13.

Sum 10-1, Sum 10-2, Sum 10-3, Sum 10-4, Sum 10-5, Sum 10-6, Sum 10-7, Sum 10-8, Sum 10-9, Sum 10-10, Sum 10-11, Sum 10-12, Sum 10-13.

Sum 11-1, Sum 11-2, Sum 11-3, Sum 11-4, Sum 11-5, Sum 11-6, Sum 11-7, Sum 11-8, Sum 11-9, Sum 11-10, Sum 11-11, Sum 11-12, Sum 11-13.

Sum 12-1, Sum 12-2, Sum 12-3, Sum 12-4, Sum 12-5, Sum 12-6, Sum 12-7, Sum 12-8, Sum 12-9, Sum 12-10, Sum 12-11, Sum 12-12, Sum 12-13.

Sum 13-1, Sum 13-2, Sum 13-3, Sum 13-4, Sum 13-5, Sum 13-6, Sum 13-7, Sum 13-8, Sum 13-9, Sum 13-10, Sum 13-11, Sum 13-12, Sum 13-13.

Sum 14-1, Sum 14-2, Sum 14-3, Sum 14-4, Sum 14-5, Sum 14-6, Sum 14-7, Sum 14-8, Sum 14-9, Sum 14-10, Sum 14-11, Sum 14-12, Sum 14-13.

Sum 15-1, Sum 15-2, Sum 15-3, Sum 15-4, Sum 15-5, Sum 15-6, Sum 15-7, Sum 15-8, Sum 15-9, Sum 15-10, Sum 15-11, Sum 15-12, Sum 15-13.

Sum 16-1, Sum 16-2, Sum 16-3, Sum 16-4, Sum 16-5, Sum 16-6, Sum 16-7, Sum 16-8, Sum 16-9, Sum 16-10, Sum 16-11, Sum 16-12, Sum 16-13.

Sum 17-1, Sum 17-2, Sum 17-3, Sum 17-4, Sum 17-5, Sum 17-6, Sum 17-7, Sum 17-8, Sum 17-9, Sum 17-10, Sum 17-11, Sum 17-12, Sum 17-13.

Sum 18-1, Sum 18-2, Sum 18-3, Sum 18-4, Sum 18-5, Sum 18-6, Sum 18-7, Sum 18-8, Sum 18-9, Sum 18-10, Sum 18-11, Sum 18-12, Sum 18-13.

Sum 19-1, Sum 19-2, Sum 19-3, Sum 19-4, Sum 19-5, Sum 19-6, Sum 19-7, Sum 19-8, Sum 19-9, Sum 19-10, Sum 19-11, Sum 19-12, Sum 19-13.

Sum 20-1, Sum 20-2, Sum 20-3, Sum 20-4, Sum 20-5, Sum 20-6, Sum 20-7, Sum 20-8, Sum 20-9, Sum 20-10, Sum 20-11, Sum 20-12, Sum 20-13.

Sum 21-1, Sum 21-2, Sum 21-3, Sum 21-4, Sum 21-5, Sum 21-6, Sum 21-7, Sum 21-8, Sum 21-9, Sum 21-10, Sum 21-11, Sum 21-12, Sum 21-13.

Sum 22-1, Sum 22-2, Sum 22-3, Sum 22-4, Sum 22-5, Sum 22-6, Sum 22-7, Sum 22-8, Sum 22-9, Sum 22-10, Sum 22-11, Sum 22-12, Sum 22-13.

Sum 23-1, Sum 23-2, Sum 23-3, Sum 23-4, Sum 23-5, Sum 23-6, Sum 23-7, Sum 23-8, Sum 23-9, Sum 23-10, Sum 23-11, Sum 23-12, Sum 23-13.

Sum 24-1, Sum 24-2, Sum 24-3, Sum 24-4, Sum 24-5, Sum 24-6, Sum 24-7, Sum 24-8, Sum 24-9, Sum 24-10, Sum 24-11, Sum 24-12, Sum 24-13.

Sum 25-1, Sum 25-2, Sum 25-3, Sum 25-4, Sum 25-5, Sum 25-6, Sum 25-7, Sum 25-8, Sum 25-9, Sum 25-10, Sum 25-11, Sum 25-12, Sum 25-13.

Sum 26-1, Sum 26-2, Sum 26-3, Sum 26-4, Sum 26-5, Sum 26-6, Sum 26-7, Sum 26-8, Sum 26-9, Sum 26-10, Sum 26-11, Sum 26-12, Sum 26-13.

Sum 27-1, Sum 27-2, Sum 27-3, Sum 27-4, Sum 27-5, Sum 27-6, Sum 27-7, Sum 27-8, Sum 27-9, Sum 27-10, Sum 27-11, Sum 27-12, Sum 27-13.

Sum 28-1, Sum 28-2, Sum 28-3, Sum 28-4, Sum 28-5, Sum 28-6, Sum 28-7, Sum 28-8, Sum 28-9, Sum 28-10, Sum 28-11, Sum 28-12, Sum 28-13.

Sum 29-1, Sum 29-2, Sum 29-3, Sum 29-4, Sum 29-5, Sum 29-6, Sum 29-7, Sum 29-8, Sum 29-9, Sum 29-10, Sum 29-11, Sum 29-12, Sum 29-13.

Sum 30-1, Sum 30-2, Sum 30-3, Sum 30-4, Sum 30-5, Sum 30-6, Sum 30-7, Sum 30-8, Sum 30-9, Sum 30-10, Sum 30-11, Sum 30-12, Sum 30-13.

Sum 31-1, Sum 31-2, Sum 31-3, Sum 31-4, Sum 31-5, Sum 31-6, Sum 31-7, Sum 31-8, Sum 31-9, Sum 31-10, Sum 31-11, Sum 31-12, Sum 31-13.

Sum 32-1, Sum 32-2, Sum 32-3, Sum 32-4, Sum 32-5, Sum 32-6, Sum 32-7, Sum 32-8, Sum 32-9, Sum 32-10, Sum 32-11, Sum 32-12, Sum 32-13.

Sum 33-1, Sum 33-2, Sum 33-3, Sum 33-4, Sum 33-5, Sum 33-6, Sum 33-7, Sum 33-8, Sum 33-9, Sum 33-10, Sum 33-11, Sum 33-12, Sum 33-13.

Sum 34-1, Sum 34-2, Sum 34-3, Sum 34-4, Sum 34-5, Sum 34-6, Sum 34-7, Sum 34-8, Sum 34-9, Sum 34-10, Sum 34-11, Sum 34-12, Sum 34-13.

Sum 35-1, Sum 35-2, Sum 35-3, Sum 35-4, Sum 35-5, Sum 35-6, Sum 35-7, Sum 35-8, Sum 35-9, Sum 35-10, Sum 35-11, Sum 35-12, Sum 35-13.

Sum 36-1, Sum 36-2, Sum 36-3, Sum 36-4, Sum 36-5, Sum 36-6, Sum 36-7, Sum 36-8, Sum 36-9, Sum 36-10, Sum 36-11, Sum 36-12, Sum 36-13.

Sum 37-1, Sum 37-2, Sum 37-3, Sum 37-4, Sum 37-5, Sum 37-6, Sum 37-7, Sum 37-8, Sum 37-9, Sum 37-10, Sum 37-11, Sum 37-12, Sum 37-13.

Sum 38-1, Sum 38-2, Sum 38-3, Sum 38-4, Sum 38-5, Sum 38-6, Sum 38-7, Sum 38-8, Sum 38-9, Sum 38-10, Sum 38-11, Sum 38-12, Sum 38-13.

Sum 39-1, Sum 39-2, Sum 39-3, Sum 39-4, Sum 39-5, Sum 39-6, Sum 39-7, Sum 39-8, Sum 39-9, Sum 39-10, Sum 39-11, Sum 39-12, Sum 39-13.

