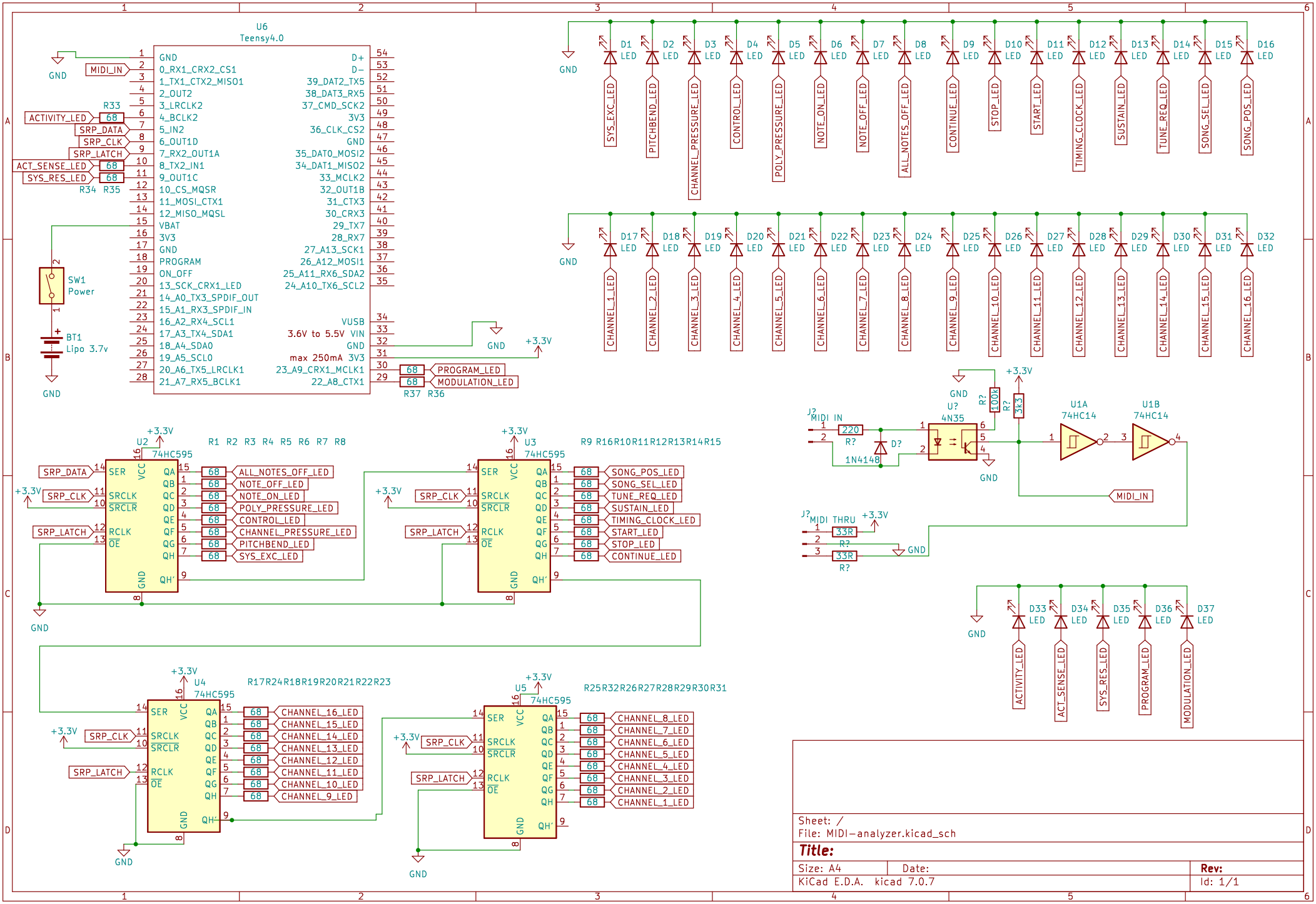
U6
Teensy4.0
GND
MIDI_IN
ACTIVITY_LED
SRP_DATA
SRP_CLK
SRP_LATCH
ACT_SENSE_LED
SYS_RES_LED
R33
R34 R35
SW1
Power
BT1
Lipo 3.7v
PROGRAM_LED
MODULATION_LED
R37 R36
+3.3V
U2
74HC595
R1 R2 R3 R4 R5 R6 R7 R8
ALL_NOTES_OFF_LED
NOTE_OFF_LED
NOTE_ON_LED
POLY_PRESSURE_LED
CONTROL_LED
CHANNEL_PRESSURE_LED
PITCHBEND_LED
SYS_EXC_LED
U3
74HC595
R9 R16R10R11R12R13R14R15
SONG_POS_LED
SONG_SEL_LED
TUNE_REQ_LED
SUSTAIN_LED
TIMING_CLOCK_LED
START_LED
STOP_LED
CONTINUE_LED
U4
74HC595
R17R24R18R19R20R21R22R23
CHANNEL_16_LED
CHANNEL_15_LED
CHANNEL_14_LED
CHANNEL_13_LED
CHANNEL_12_LED
CHANNEL_11_LED
CHANNEL_10_LED
CHANNEL_9_LED
U5
74HC595
R25R32R26R27R28R29R30R31
CHANNEL_8_LED
CHANNEL_7_LED
CHANNEL_6_LED
CHANNEL_5_LED
CHANNEL_4_LED
CHANNEL_3_LED
CHANNEL_2_LED
CHANNEL_1_LED
SYS_EXC_LED
PITCHBEND_LED
CHANNEL_PRESSURE_LED
CONTROL_LED
POLY_PRESSURE_LED
NOTE_ON_LED
NOTE_OFF_LED
ALL_NOTES_OFF_LED
CONTINUE_LED
STOP_LED
START_LED
TIMING_CLOCK_LED
SUSTAIN_LED
TUNE_REQ_LED
SONG_SEL_LED
SONG_POS_LED
CHANNEL_1_LED
CHANNEL_2_LED
CHANNEL_3_LED
CHANNEL_4_LED
CHANNEL_5_LED
CHANNEL_6_LED
CHANNEL_7_LED
CHANNEL_8_LED
CHANNEL_9_LED
CHANNEL_10_LED
CHANNEL_11_LED
CHANNEL_12_LED
CHANNEL_13_LED
CHANNEL_14_LED
CHANNEL_15_LED
CHANNEL_16_LED
J?
MIDI IN
220
R?
D?
1N4148
U?
4N35
100k
3k3
U1A
74HC14
U1B
74HC14
MIDI_IN
J?
MIDI THRU
33R
ACTIVITY_LED
ACT_SENSE_LED
SYS_RES_LED
PROGRAM_LED
MODULATION_LED
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Size: A4
Date:
Rev:
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