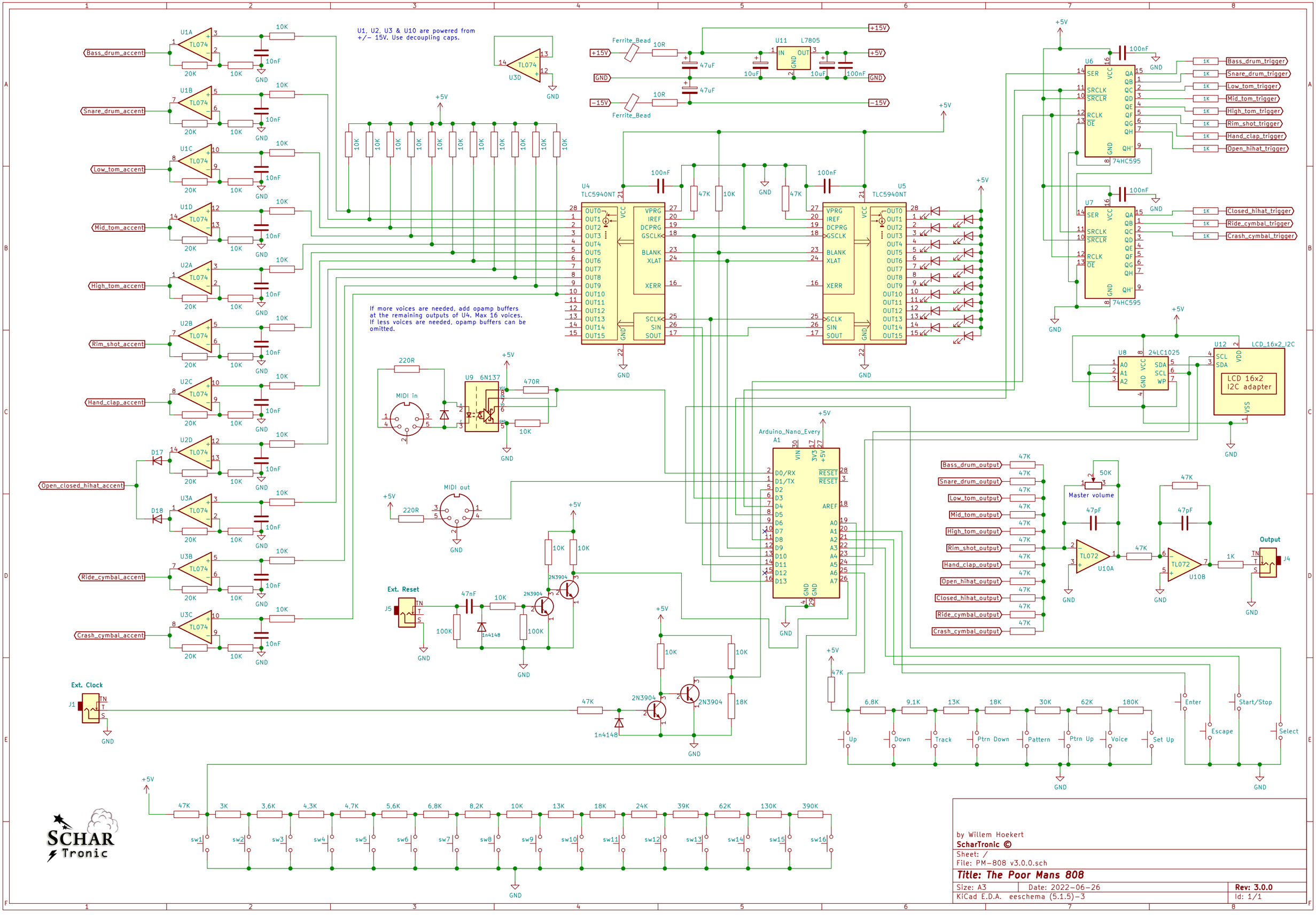
U1, U2, U3 & U10 are powered from +/- 15V. Use decoupling caps.
If more voices are needed, add opamp buffers at the remaining outputs of U4. Max 16 voices. If less voices are needed, opamp buffers can be omitted.
Bass_drum_accent
Snare_drum_accent
Low_tom_accent
Mid_tom_accent
High_tom_accent
Rim_shot_accent
Hand_clap_accent
Open_closed_hihat_accent
Ride_cymbal_accent
Crash_cymbal_accent
Bass_drum_trigger
Snare_drum_trigger
Low_tom_trigger
Mid_tom_trigger
High_tom_trigger
Rim_shot_trigger
Hand_clap_trigger
Open_hihat_trigger
Closed_hihat_trigger
Ride_cymbal_trigger
Crash_cymbal_trigger
Bass_drum_output
Snare_drum_output
Low_tom_output
Mid_tom_output
High_tom_output
Rim_shot_output
Hand_clap_output
Open_hihat_output
Closed_hihat_output
Ride_cymbal_output
Crash_cymbal_output
Master volume
Output
Ext. Clock
Ext. Reset
MIDI in
MIDI out
LCD 16x2 I2C adapter
Up
Down
Track
Ptrn Down
Pattern
Ptrn Up
Voice
Set Up
Enter
Escape
Start/Stop
Select
by Willem Hoekert
ScharTronic ©
Sheet: /
File: PM-808 v3.0.0.sch
Title: The Poor Mans 808
Size: A3
Date: 2022-06-26
Rev: 3.0.0
KiCad E.D.A. eeschema (5.1.5)-3
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