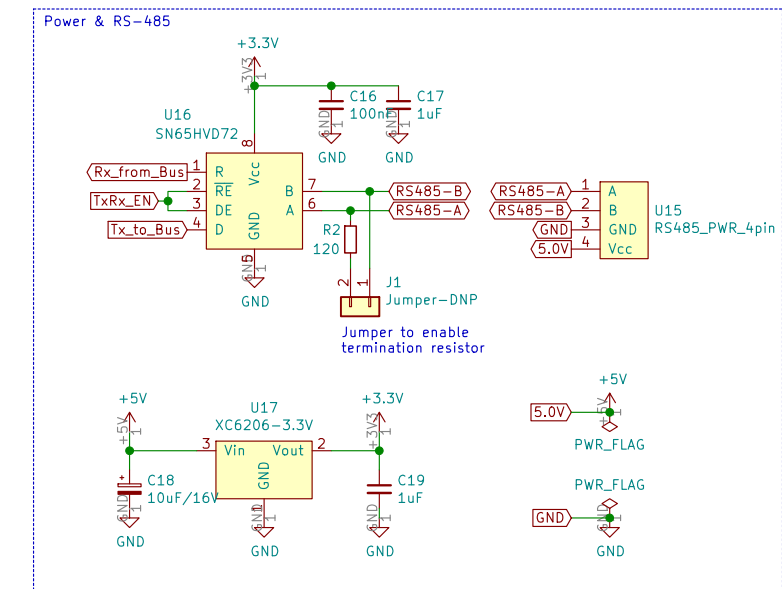
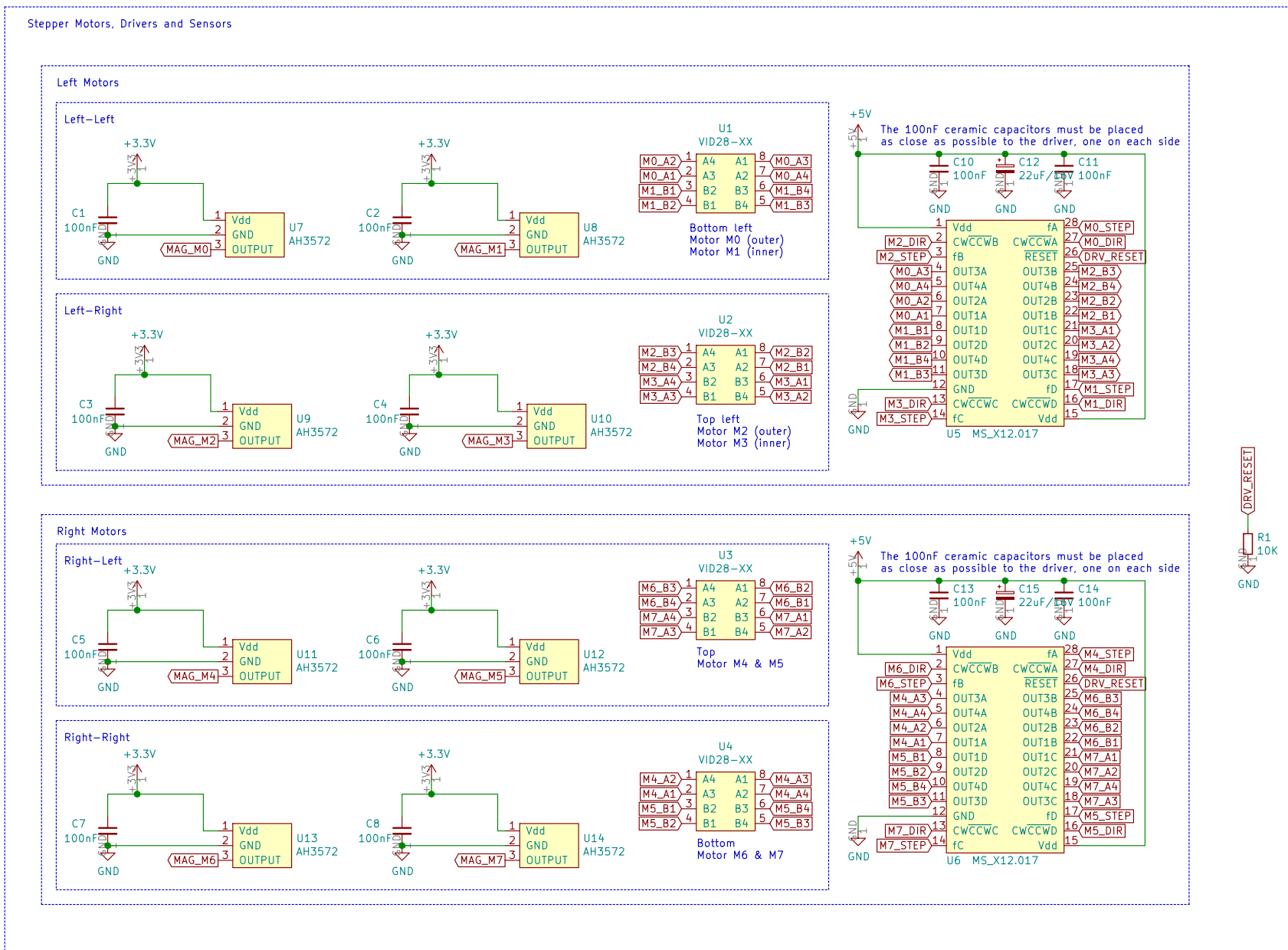
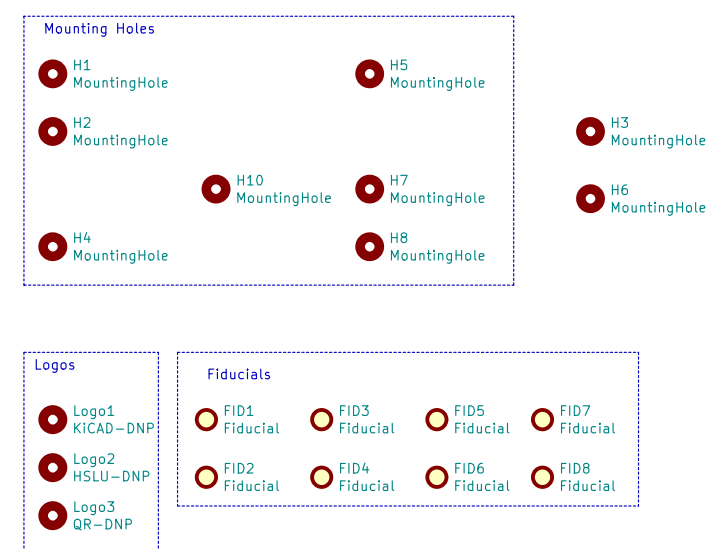
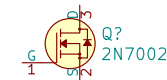


SOT-236 (SOT-23)



- Changed in V1.0:
- MAG_M1 PIO0_10 has no internal pullups => move pin to PIO0_31
 - M3_DIR PIO0_11 not usable without external pull-up => PIO0_27
 - M3_STEP PIO0_0 => PIO0_26
 - Pull-up on MCU reset line
 - Internal pull-ups for MAG sensors
 - removed MAG through-hole connectors
 - remove analog caps, changed C15/C10 to 0.1µF and 0.01µF

- Open Points for V1.1:
- FET for motor power to reduce power-on current
 - Footprint hole motor changed, update FP in layout
 - potentially remove holes for motors
 - larger HSLU Logo
 - BOM settings
 - LEDs?
 - changed board size (note: width might be a challenge for ultrasonic bath)
 - silkscreen for hand side (PMMA front cover)
 - holes for stencil
 - FET for Mag sensors: each on needs about 3mA
 - Extra mark for IC pin 1, name LPC on silkscreen
 - remove motor drills, cut plastic guides

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Sheet: /
File: StepperClock.sch

Title: StepperClock

Size: A3 Date: 2019-11-10
KiCad E.D.A. kicad (5.1.2)-2

Rev: V1.0
Id: 1/1

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