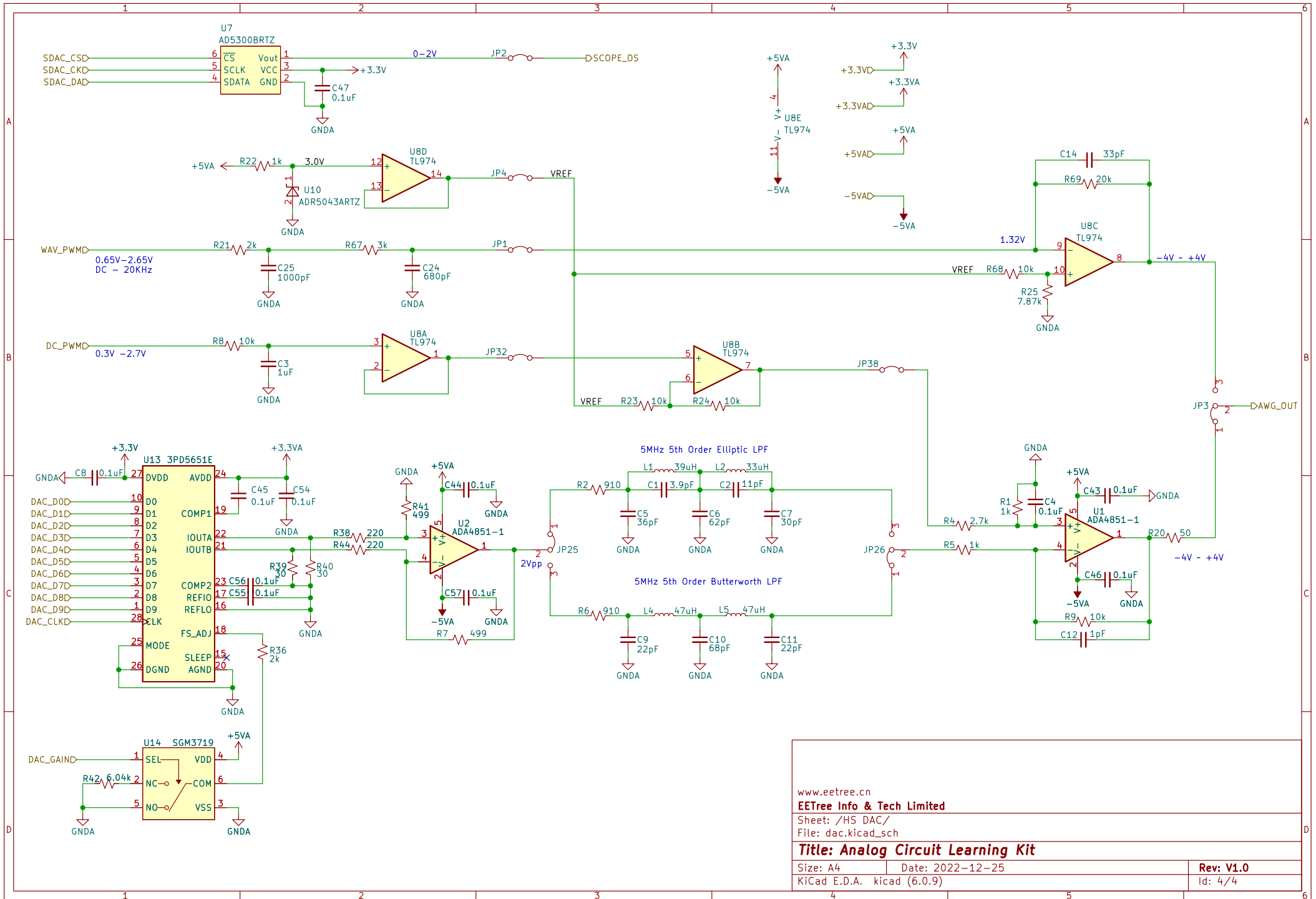


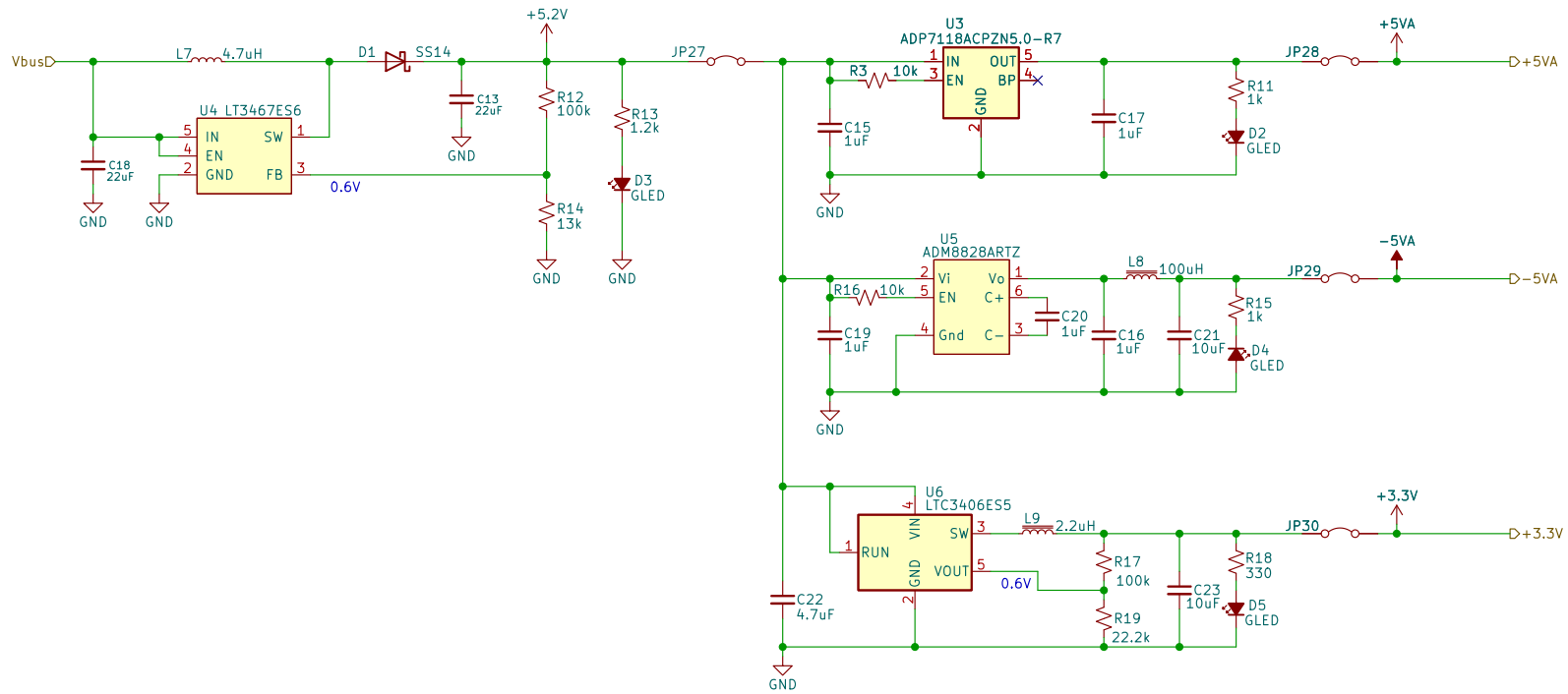
- * Based on StepMCU module
- * Signal Generator using 10bit high speed DAC
- * One channel Oscilloscope with 10bit high speed ADC
- * SPI serial DAC for Oscilloscope offset
- * One PWM DAC for signal generator offset
- * One PWM DAC for AWG generation
- * One Sigma Delta ADC
- * USB provides 5V DC input – Vbus
- * 5.5V stable voltage generated from Vbus
- * +5VA generated from 5.5V with LDO
- * -5VA generated from 5.5V with Charge Pump
- * +3.3V generated from 5.5V with Switching Regulator



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 Sheet: /HS DAC/
 File: dac.kicad_sch

Title: Analog Circuit Learning Kit

Size: A4 Date: 2022-12-25 Rev: V1.0
 KiCad E.D.A. kicad (6.0.9) Id: 4/4



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Sheet: /power supply/

File: ps.kicad_sch

Title: Analog Circuit Learning Kit

Size: A4 Date: 2022-12-25

KiCad E.D.A. kicad (6.0.9)

Rev: V1.0

Id: 5/4

