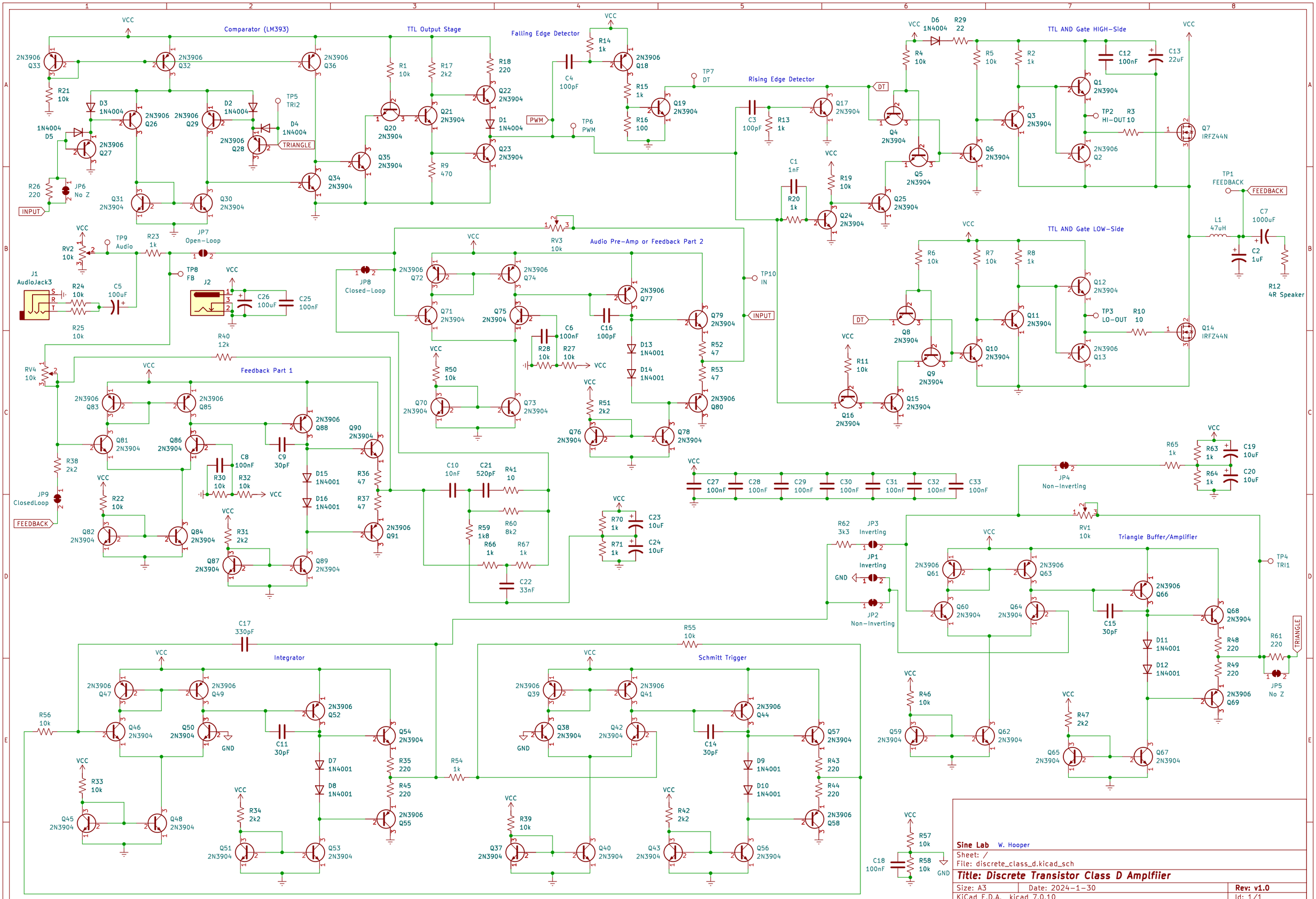
Comparator (LM393)
TTL Output Stage
Falling Edge Detector
Rising Edge Detector
TTL AND Gate HIGH-Side
TTL AND Gate LOW-Side
Audio Pre-Amp or Feedback Part 2
Feedback Part 1
Triangle Buffer/Amplifier
Integrator
Schmitt Trigger
VCC
GND
INPUT
FEEDBACK
TRIANGLE
PWM
DT
TP1 FEEDBACK
TP2 HI-OUT
TP3 LO-OUT
TP4 TRI1
TP5 TRI2
TP6 PWM
TP7 DT
TP8 FB
TP9 Audio
TP10 IN
J1 AudioJack3
J2
JP1 Inverting
JP2 Non-Inverting
JP3 Inverting
JP4 Non-Inverting
JP5 No Z
JP6 No Z
JP7 Open-Loop
JP8 Closed-Loop
JP9 ClosedLoop
RV1 10k
RV2 10k
RV3 10k
RV4 10k
L1 47uH
R12 4R Speaker
Sine Lab
W. Hooper
Sheet: /
File: discrete_class_d.kicad_sch
Title: Discrete Transistor Class D Amplfiier
Size: A3
Date: 2024-1-30
Rev: v1.0
KiCad E.D.A. kicad 7.0.10
Id: 1/1