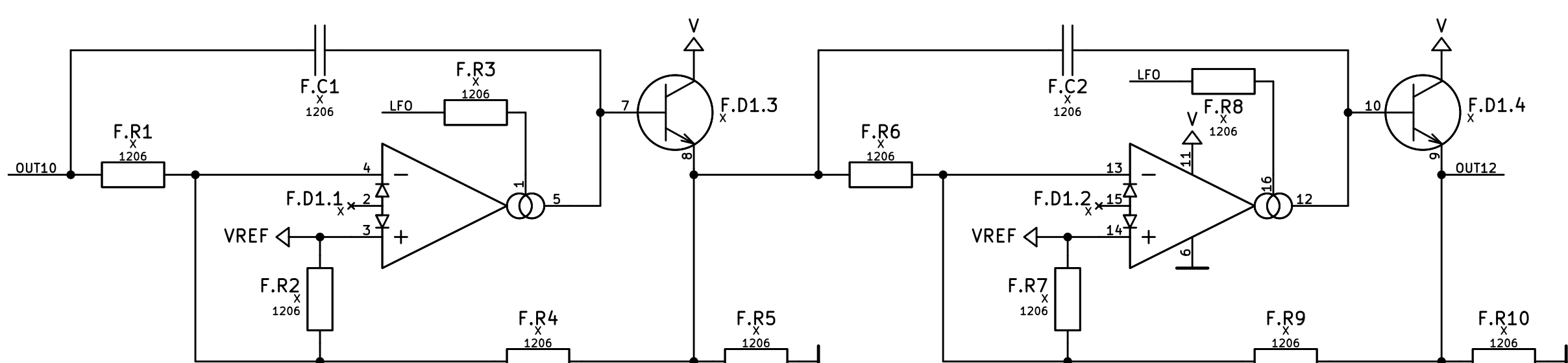
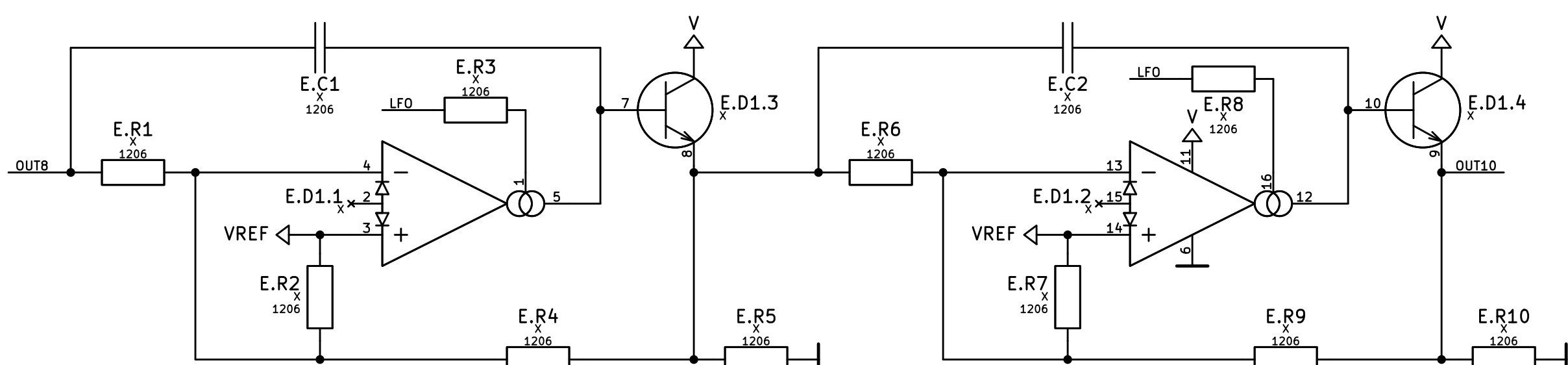
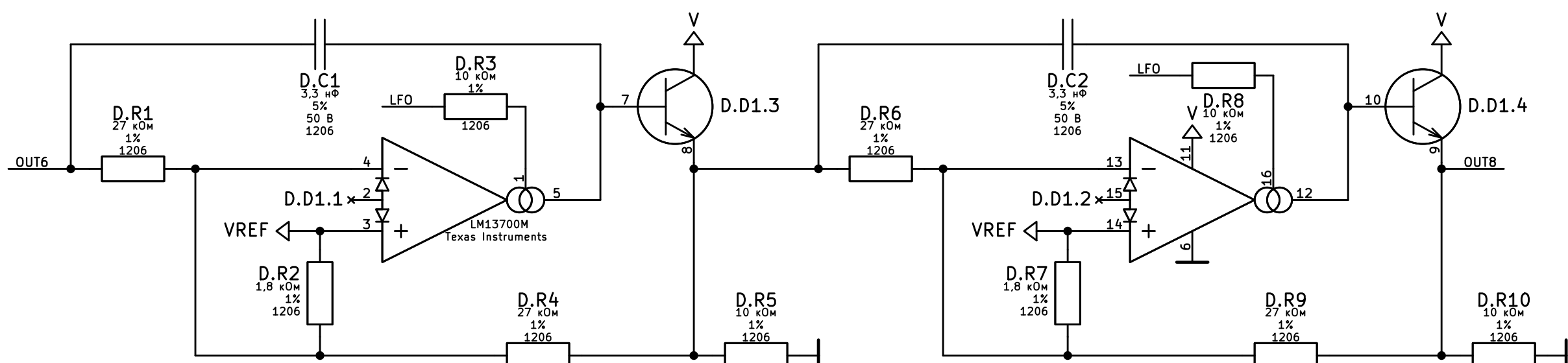
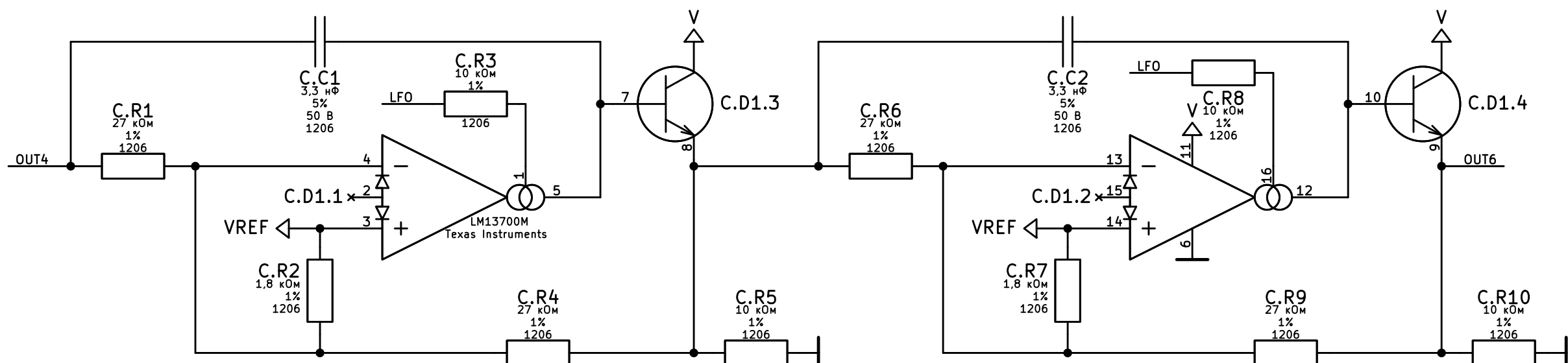
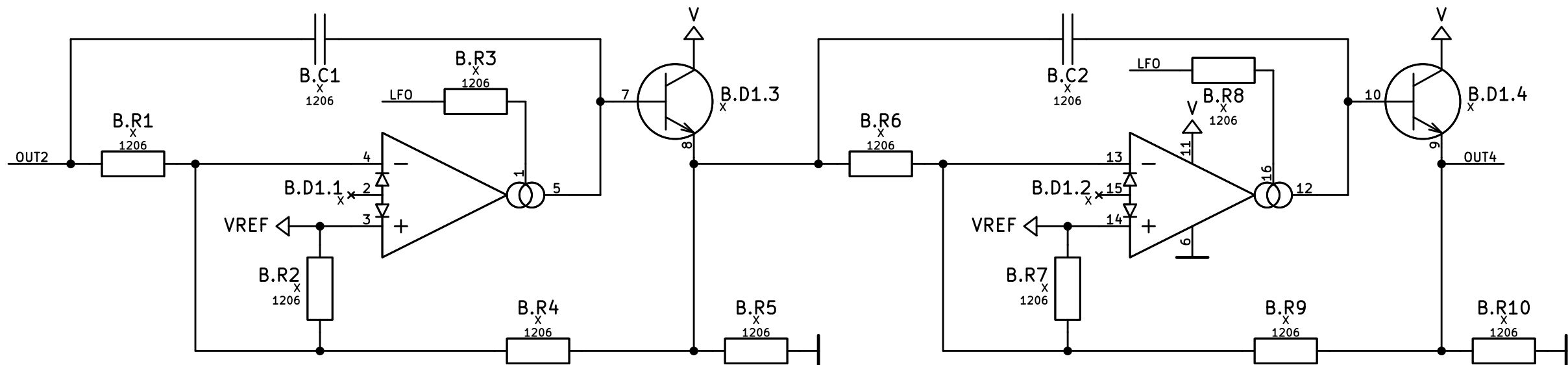


The second stage of the multi-stage op-amp is shown in the diagram. It consists of two differential pairs, A.D1.3 and A.D1.4, each with a current mirror load (A.R3, A.R4, A.R6, A.R9, A.R10). The biasing network includes resistors A.R1, A.R2, A.R7, and A.R8, and capacitors A.C1 and A.C2. The output of this stage is OUT2, which is connected to the input of the third stage.



The schematic diagram illustrates a 1206-ohm resistor network (SA1) connected to seven input/output pairs (ST_J1 to ST_J7). Each pair consists of a 1206-ohm resistor and a switch (WET). The switches are controlled by a common WET signal. The output lines are labeled OUT0 through OUT12.

The schematic diagram illustrates the RPB1.1 SPEED circuit. Key components include:

- Capacitors:** L.C1 (470 nF, 10%, 25 V, 1206), L.C2 (CTSM-D-C), L.C3 (4.7 nF, 10%, 50 V, 1206), L.C4 (CTSM-D-C), L.C5 (SA3-NC2), L.C6 (CTSM-D-C, SA3-NC2), L.C7 (SA3-N02), L.C8 (CTSM-D-C, SA3-N02).
- Resistors:** L.R1 (360 uW, 1%, 1206), L.R2 (360 uW, 1%, 1206), L.R3 (150 uW, 1%, 1206), L.R4 (0, 1206), L.R5 (360 uW, 1%, 1206), L.R6 (X, 1206), L.R7 (10 uW, 1%, 1206), L.R8 (10 uW, 1%, 1206), L.R9 (0.2 uW, 1%, 1206), L.R10 (10 uW, 1%, 1206).
- Integrated Circuits:** L.D1.1 (RC4558D, Texas Instruments), L.D1.2 (LFO-AUTO).
- Other Components:** RPB1.1 SPEED (500 uW (B), R16K1-L20KC, Song Hui Electric), 500 uW (B), R16K1-L20KC, Song Hui Electric.

The circuit is powered by SA3-COM2 and SA3-N02, and includes a CTSM-D-C component.

The schematic diagram illustrates the input stage of the ADXL045. It features a differential input structure with two op-amp inputs, 6 and 7. Input 6 is connected to a network of resistors (OM.R1, OM.R2, OM.R3, OM.R4) and a capacitor (OM.C1). Input 7 is connected to a network of resistors (OM.R5, OM.R6, OM.R7, OM.R8, OM.R9) and a capacitor (OM.C1). The output of the op-amp is connected to the RPB2.1 and RPB2.3 comparators. The diagram also shows the connection to the RPB2.1 and RPB2.3 comparators, which are used for signal processing.

[illegible]

- This project is licensed under GNU General Public License v3.0 or later
 — ТРКПЧДЛ—
 Igor Ivanov (Игорь Иванов)
<http://github.com/Adept666>
Salty Phaser [REV1B]
 Sheet: /
 File: TKP-1.23B-1.sch
- | Title: TKP-1.23B-1 | | Rev: 1B |
|---------------------------|--|----------------|
| Size: A1 | Date: 2023-11-13 | |
| KiCad E.D.A. | kiCad 5.1.12-84ad8E8a8692buntbu20.04.1 | Id: 1/1 |