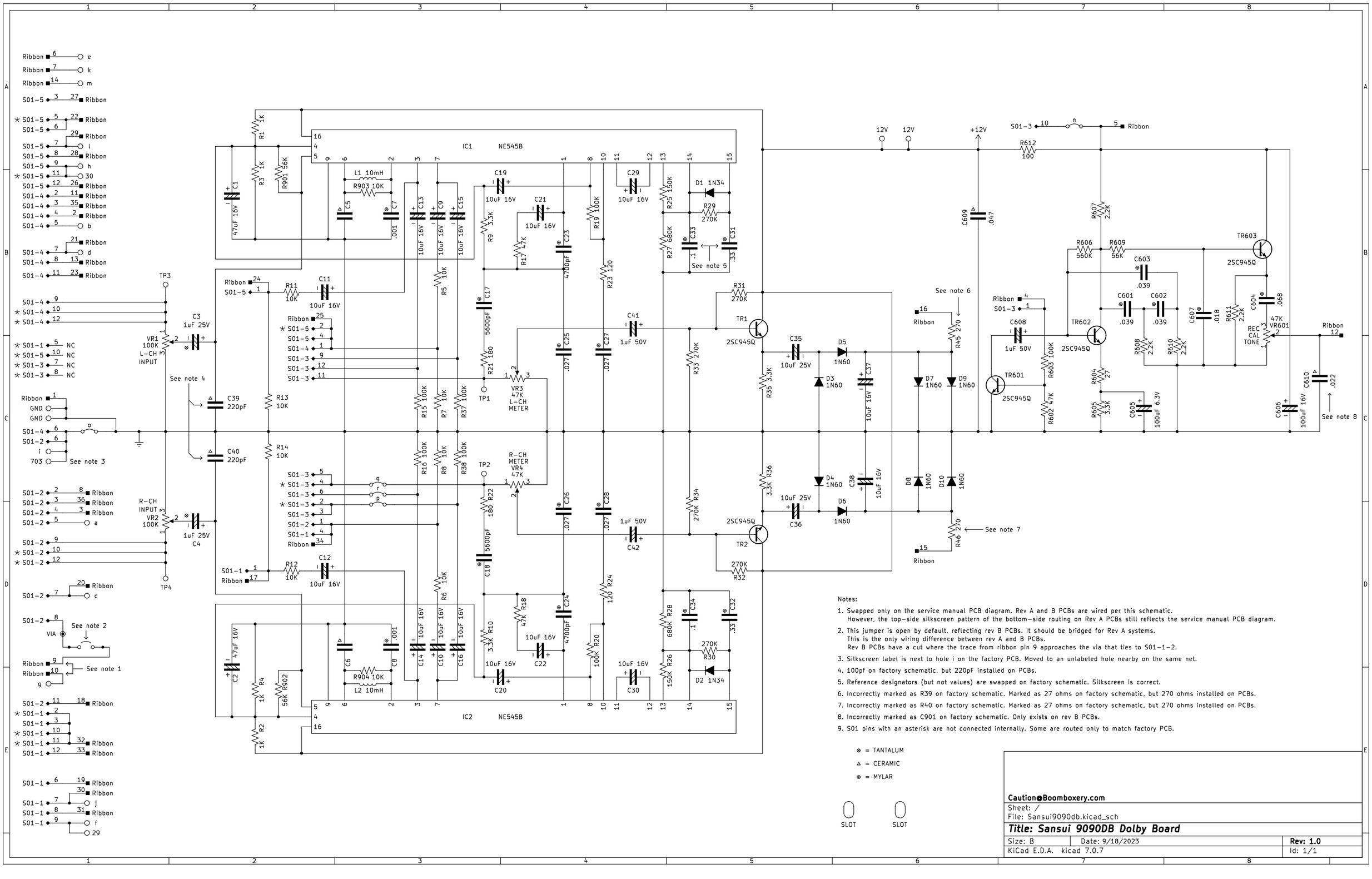

Notes:

1. Swapped only on the service manual PCB diagram. Rev A and B PCBs are wired per this schematic.
   However, the top-side silkscreen pattern of the bottom-side routing on Rev A PCBs still reflects the service manual PCB diagram.
2. This jumper is open by default, reflecting rev B PCBs. It should be bridged for Rev A systems.
   This is the only wiring difference between rev A and B PCBs.
   Rev B PCBs have a cut where the trace from ribbon pin 9 approaches the via that ties to S01-1-2.
3. Silkscreen label is next to hole i on the factory PCB. Moved to an unlabeled hole nearby on the same net.
4. 100pf on factory schematic, but 220pF installed on PCBs.
5. Reference designators (but not values) are swapped on factory schematic. Silkscreen is correct.
6. Incorrectly marked as R39 on factory schematic. Marked as 27 ohms on factory schematic, but 270 ohms installed on PCBs.
7. Incorrectly marked as R40 on factory schematic. Marked as 27 ohms on factory schematic, but 270 ohms installed on PCBs.
8. Incorrectly marked as C901 on factory schematic. Only exists on rev B PCBs.
9. S01 pins with an asterisk are not connected internally. Some are routed only to match factory PCB.

⊗ = TANTALUM

△ = CERAMIC

◎ = MYLAR

SLOT SLOT

Caution@Boomboxery.com

Sheet: /
File: Sansui9090db.kicad_sch

Title: Sansui 9090DB Dolby Board

Size: B	Date: 9/18/2023	**Rev: 1.0**
KiCad E.D.A. kicad 7.0.7		Id: 1/1