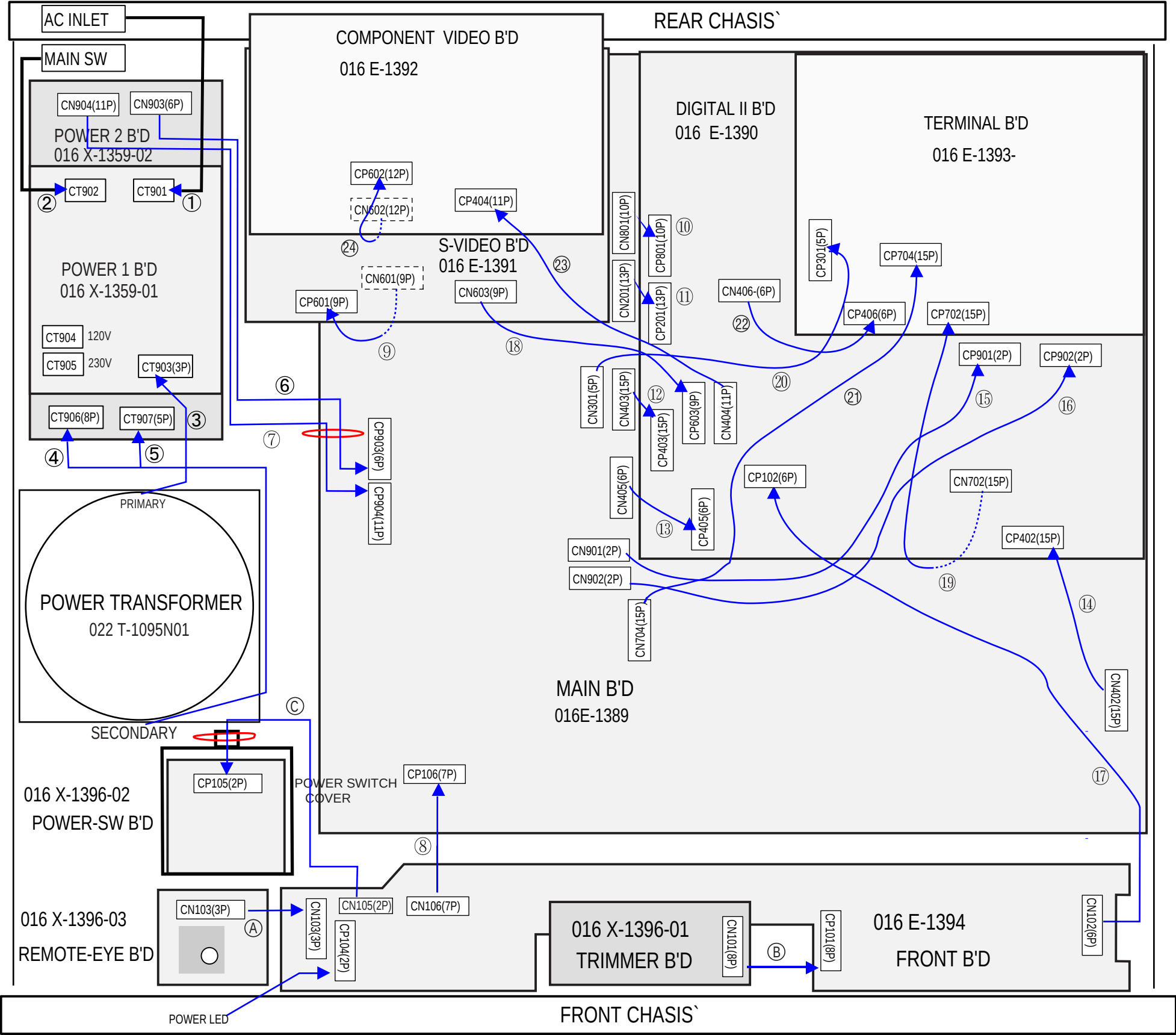
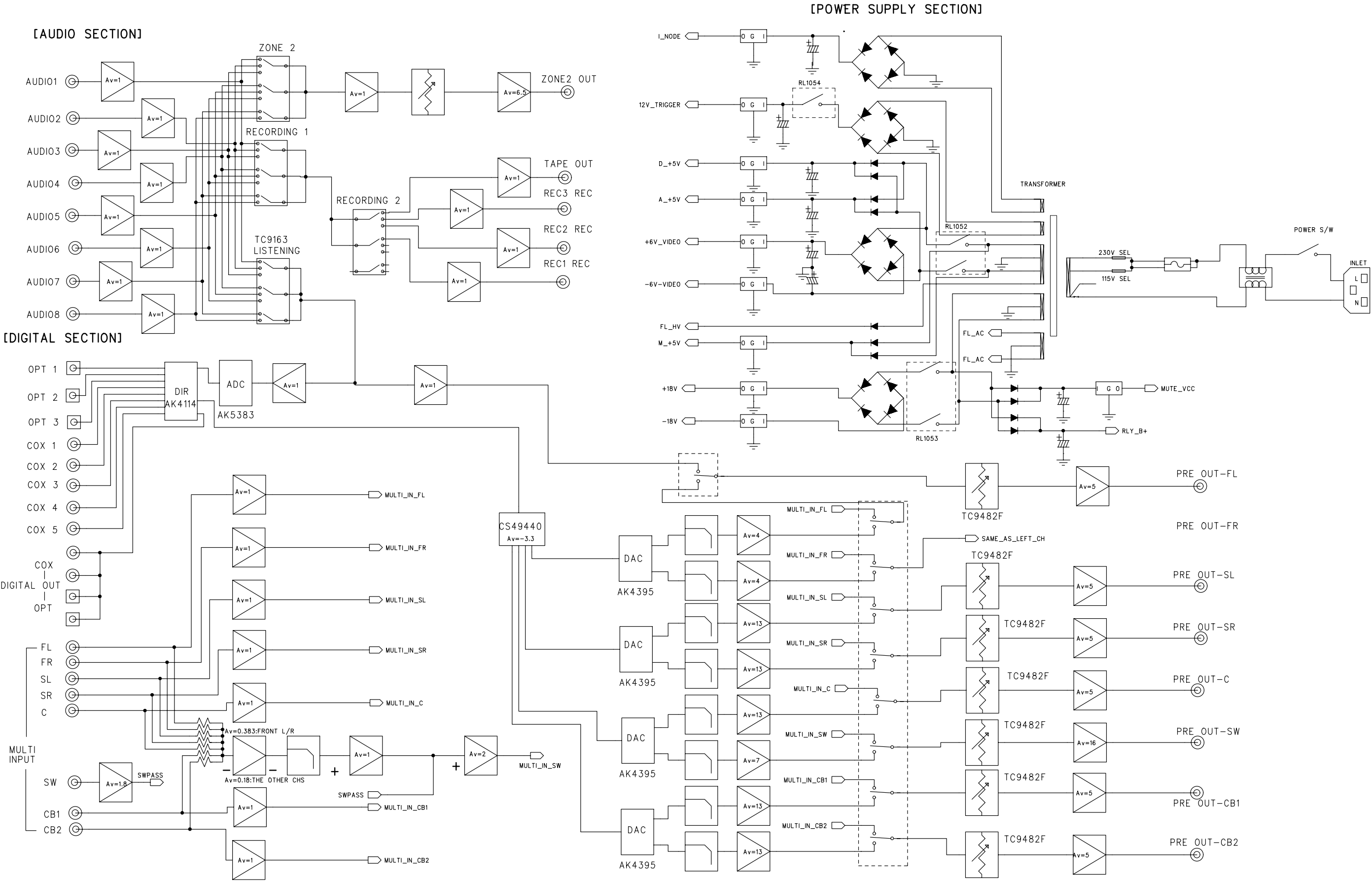


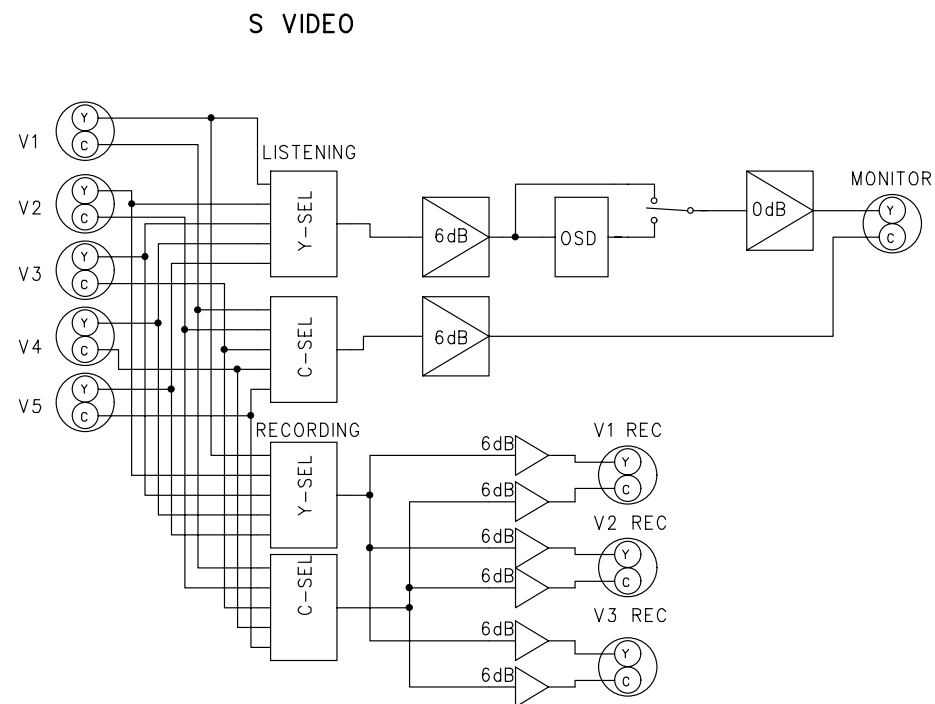
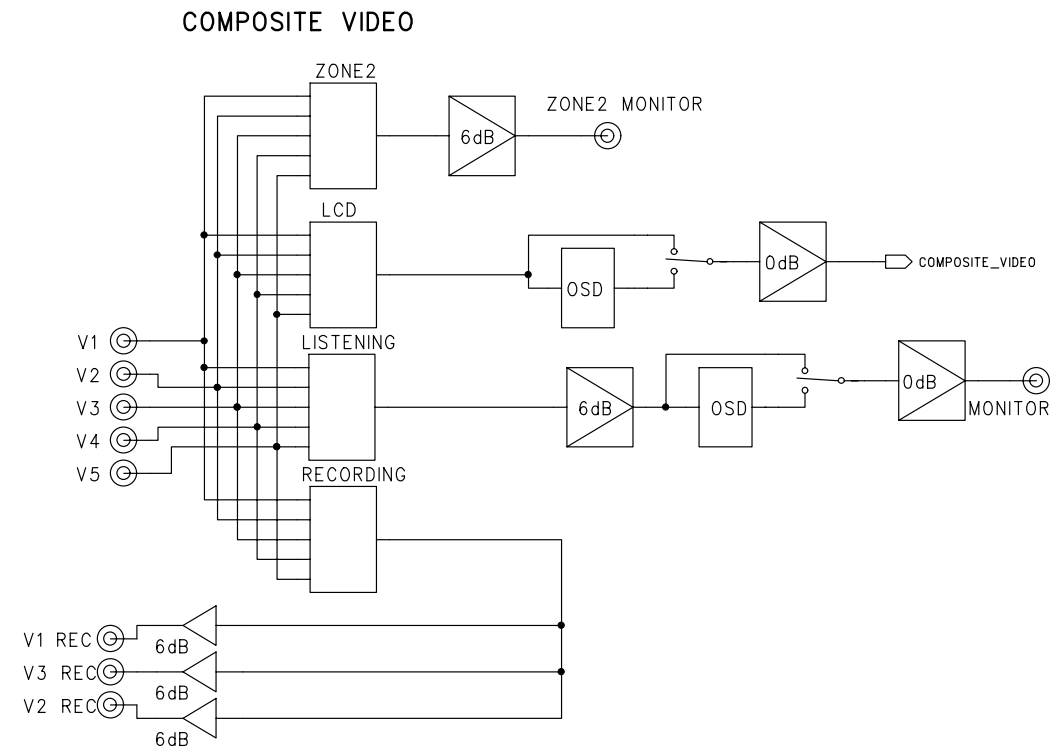
Wiring Diagram



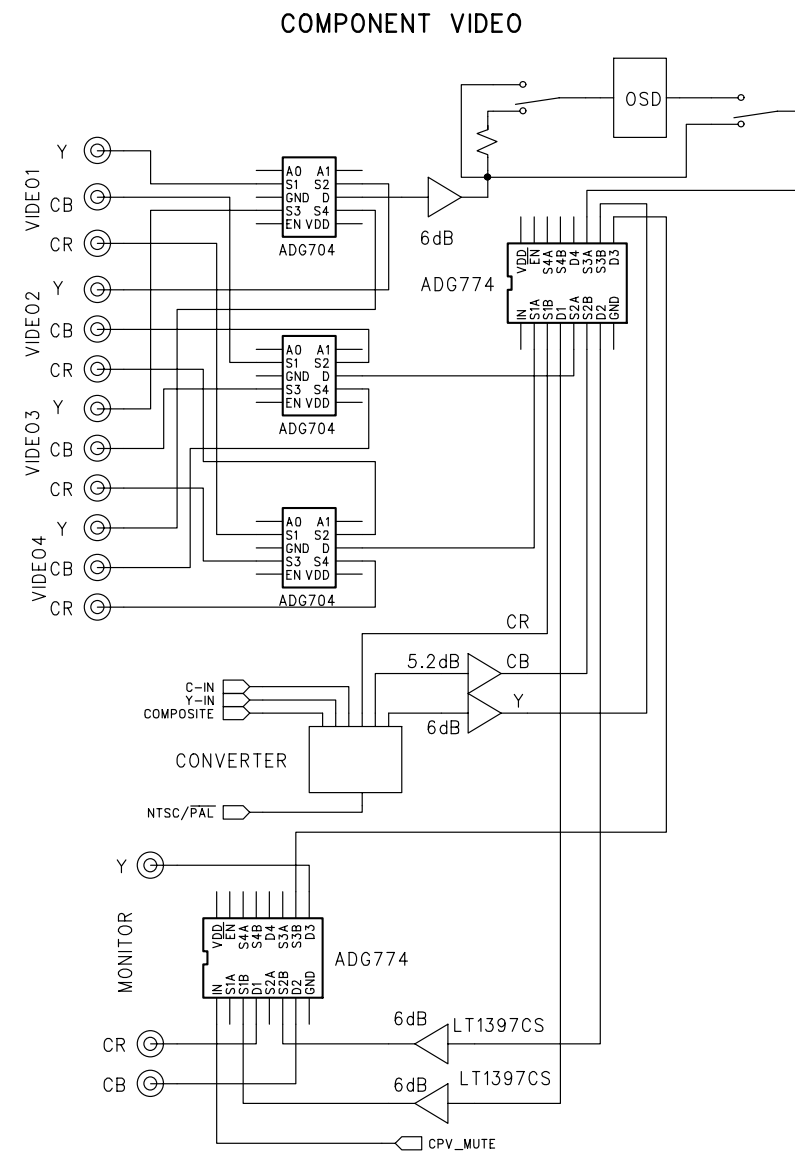
Wiring

①	AC INLET => POWER 1 B'D CT901
②	MAIN SWITCH => POWER 1 B'D CT902
③	POWER TRANSFORMER (PRIMARY) => CT903
④	POWER TRANSFORMER (SECONDARY) => CT906
⑤	POWER TRANSFORMER (SECONDARY) => CT907
⑥	POWER 2 B'D CN903 => MAIN B'D CP903
⑦	POWER 2 B'D CN904 => MAIN B'D CP904
⑧	FRONT B'D CN106 => MAIN B'D CP106
⑨	MAIN B'D CN601 => S-VIDEO B'D CP601
⑩	MAIN B'D CN801 => DIGITAL B'D CP801
⑪	MAIN B'D CN201 => DIGITAL B'D CP201
⑫	MAIN B'D CN403 => DIGITAL B'D CP403
⑬	MAIN B'D CN405 => DIGITAL B'D CP405
⑭	MAIN B'D CN402 => DIGITAL B'D CP402
⑮	MAIN B'D CN901 => DIGITAL B'D CP901
⑯	MAIN B'D CN902 => DIGITAL B'D CP902
⑰	FRONT B'D CN102 => MAIN B'D CP102
⑱	S-VIDEO B'D CN603 => DIGITAL B'D CP603
⑲	MAIN B'D CN702 => TERMINAL B'D CP702
⑳	MAIN B'D CN301 => TERMINAL B'D CP301
㉑	MAIN B'D CN704 => TERMINAL B'D CP704
㉒	DIGITAL B'D CN406 => TERMINAL B'D CP406
㉓	DIGITAL B'D CN404 => COMPONENT B'D CP404
㉔	S-VIDEO B'D CN602 => COMPONENT B'D CP602
A	REMOTE EYE B'D CN103 => FRONT B'D CP103
B	TRIMMER B'D CN101 => FRONT B'D CP101
C	FRONT B'D CN105 => POWER SW B'D CP105

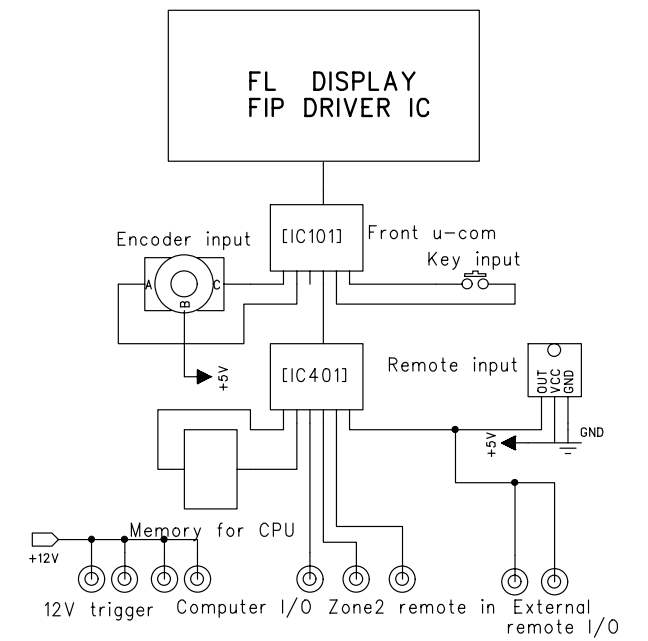




[VIDEO SECTION]



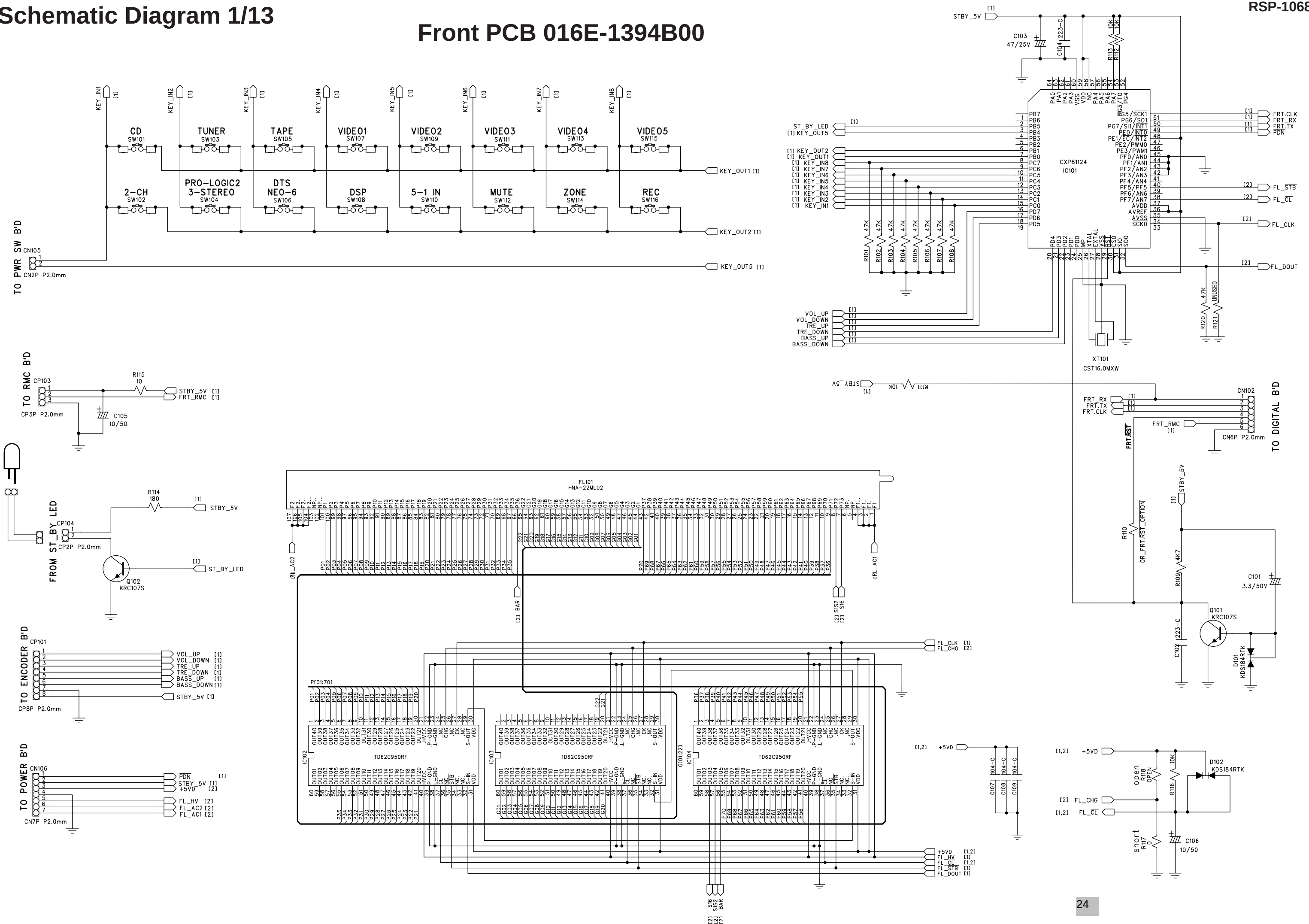
[CONTROL SECTION]



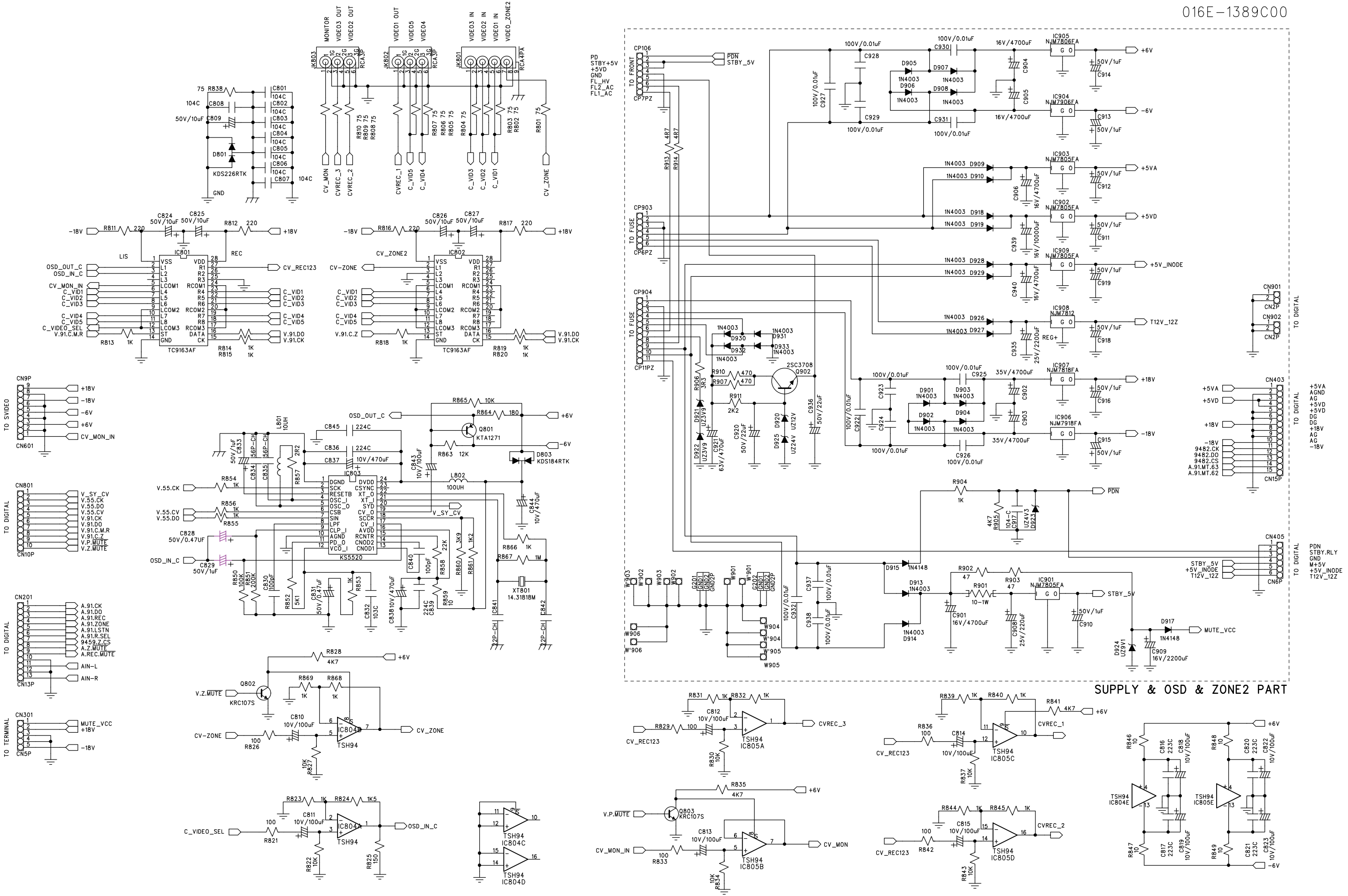
Schematic Diagram 1/13

Front PCB 016E-1394B00

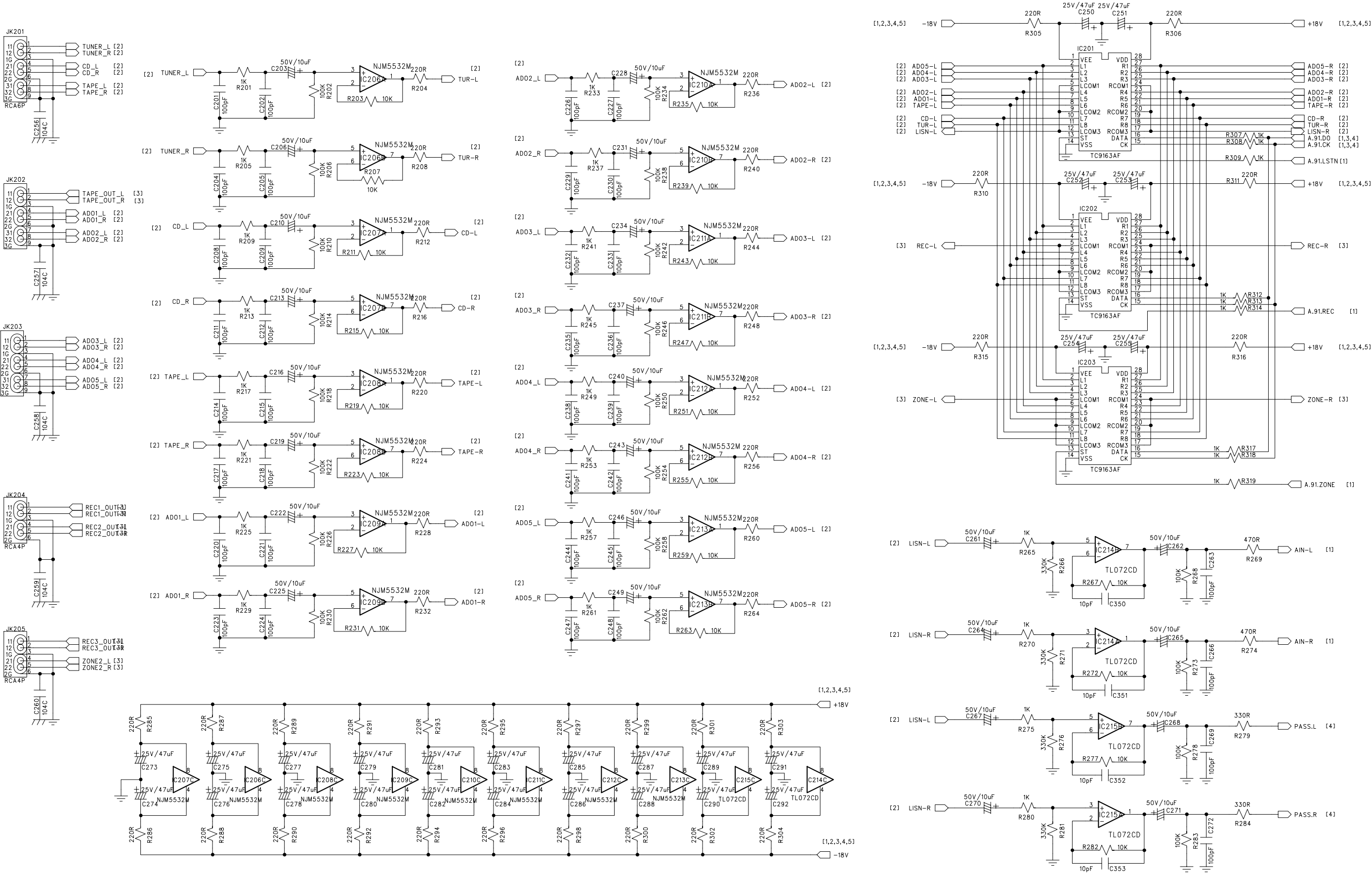
RSP-1068



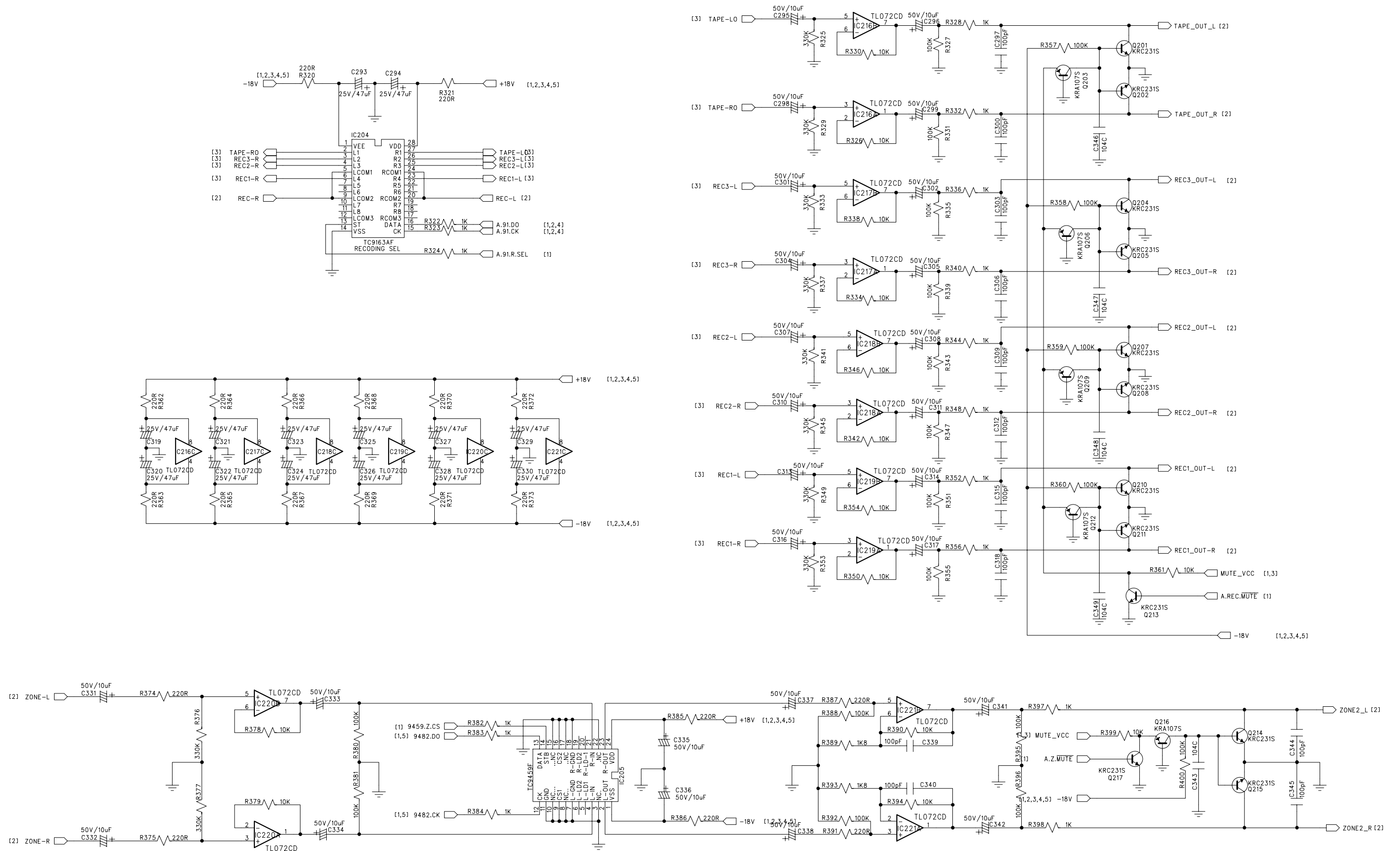
016E-1389C00



Main PCB 016E-1389C00 (2/4)

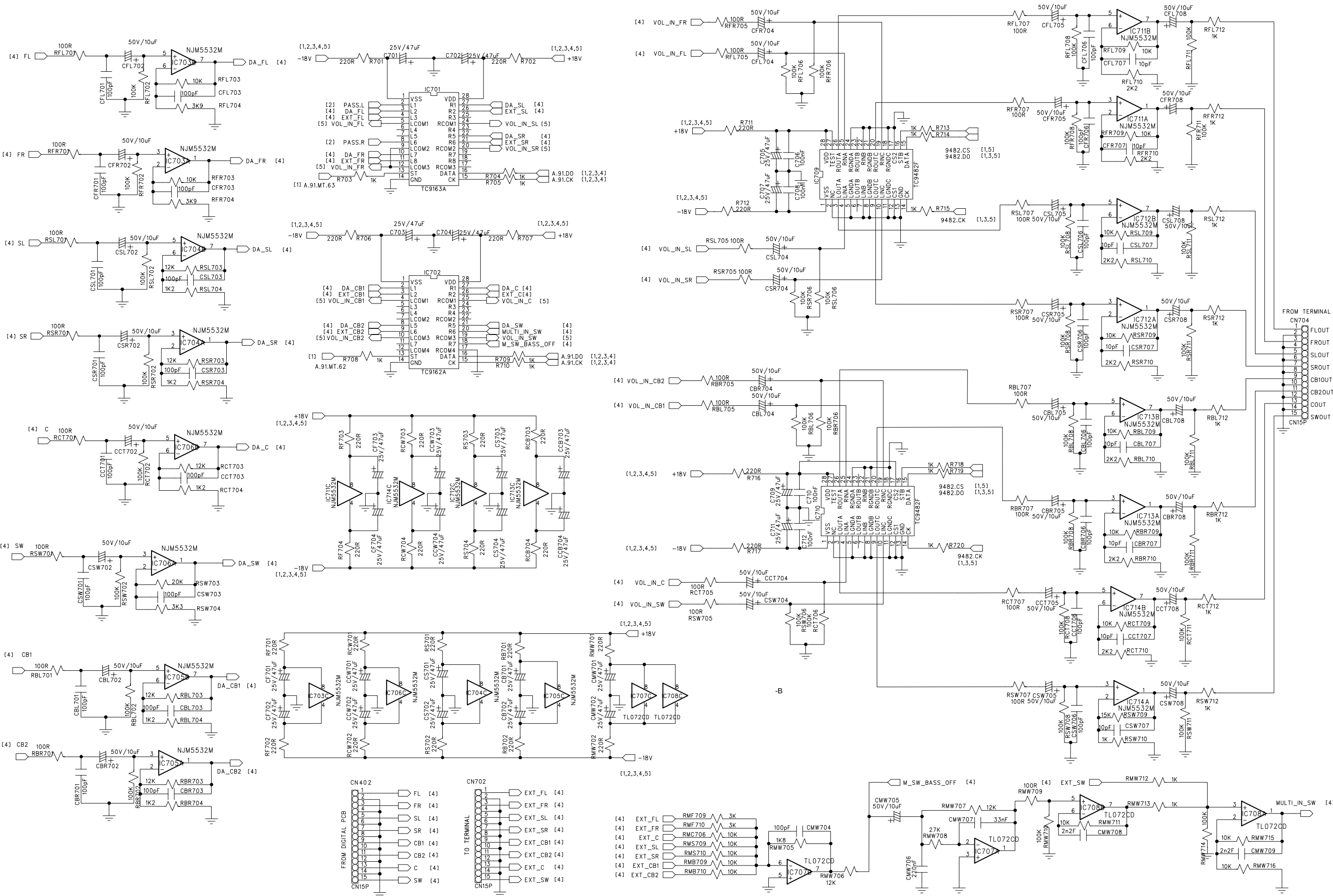


Main PCB 016E-1389C00 (3/4)

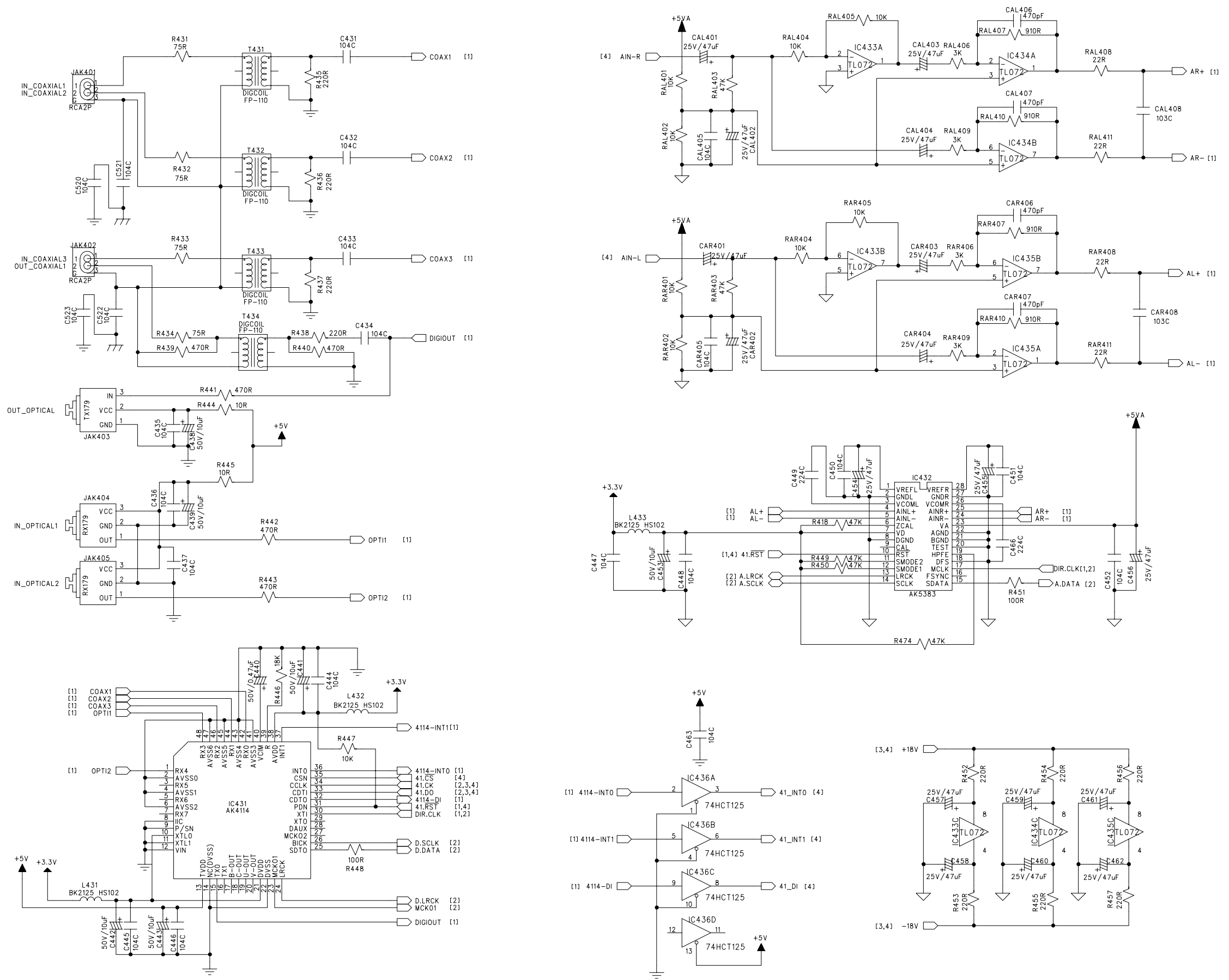


Schematic Diagram 5/13

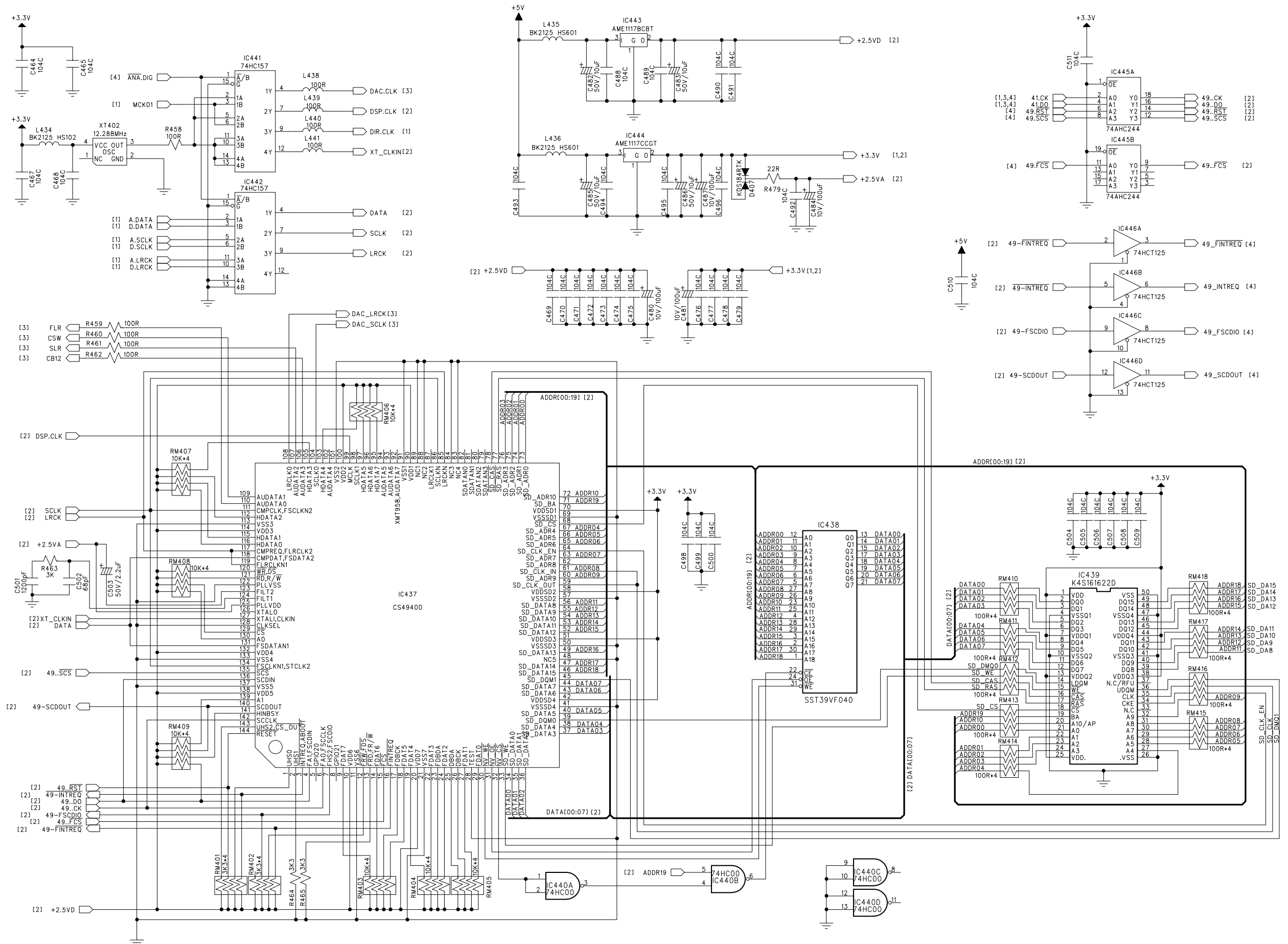
Main PCB 016E-1389C00 (4/4)



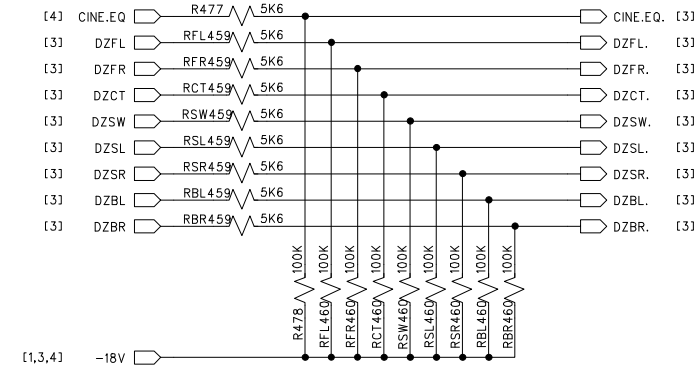
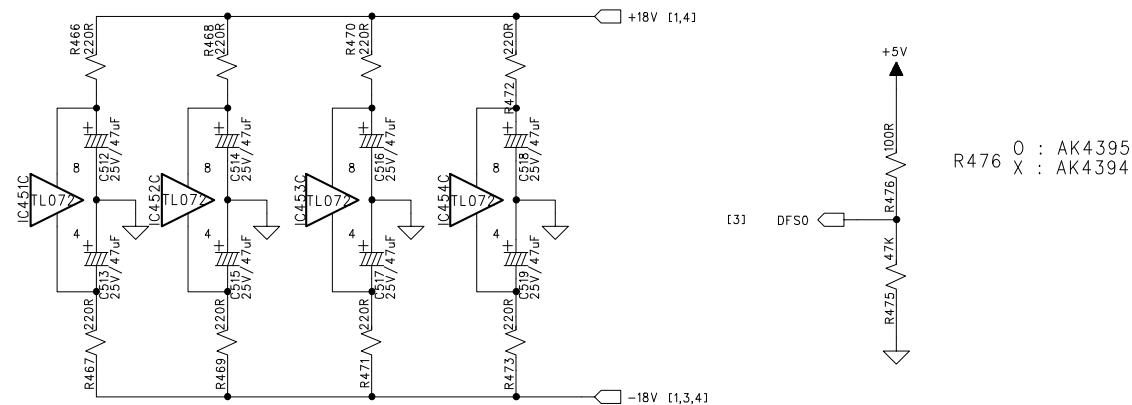
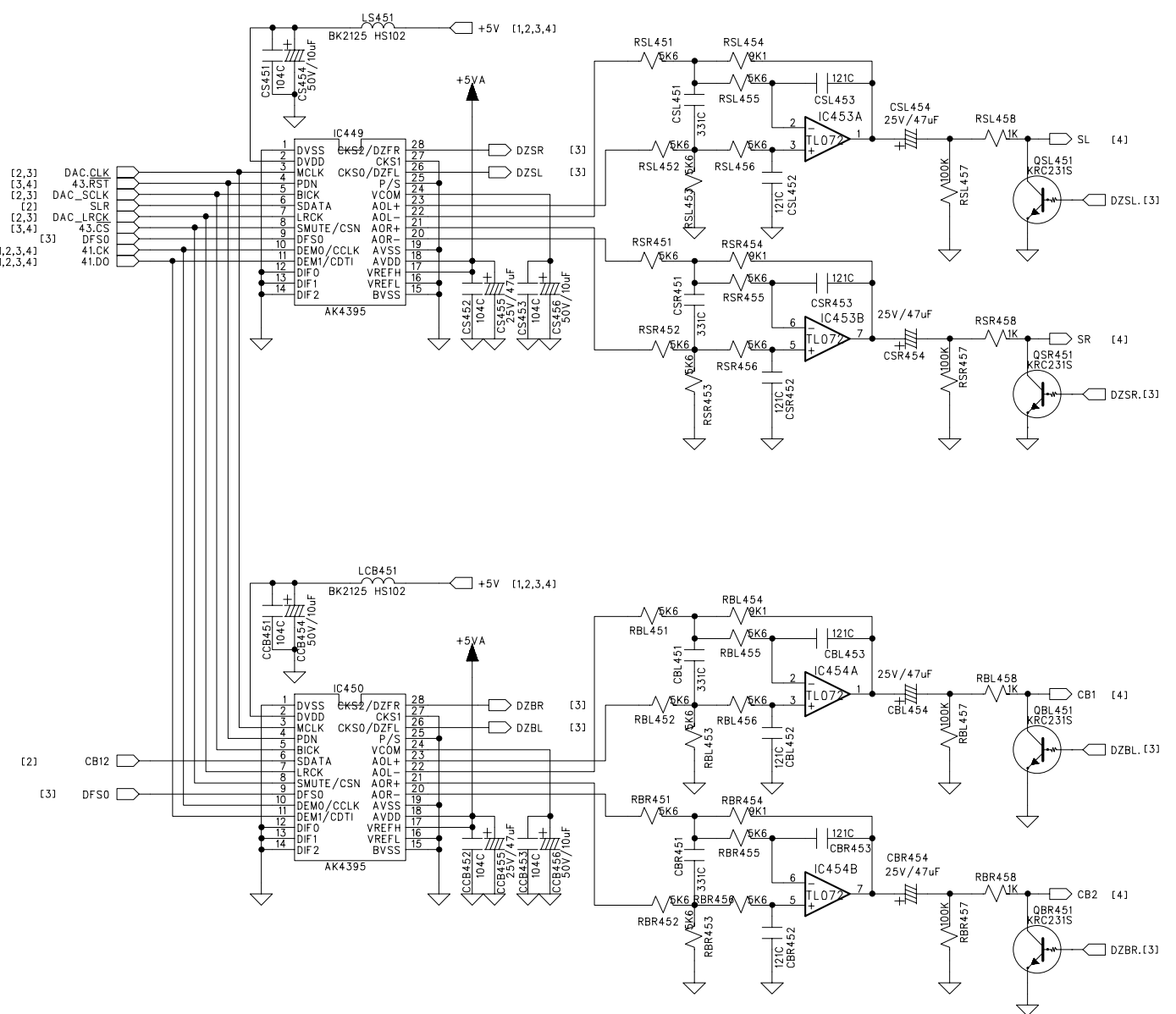
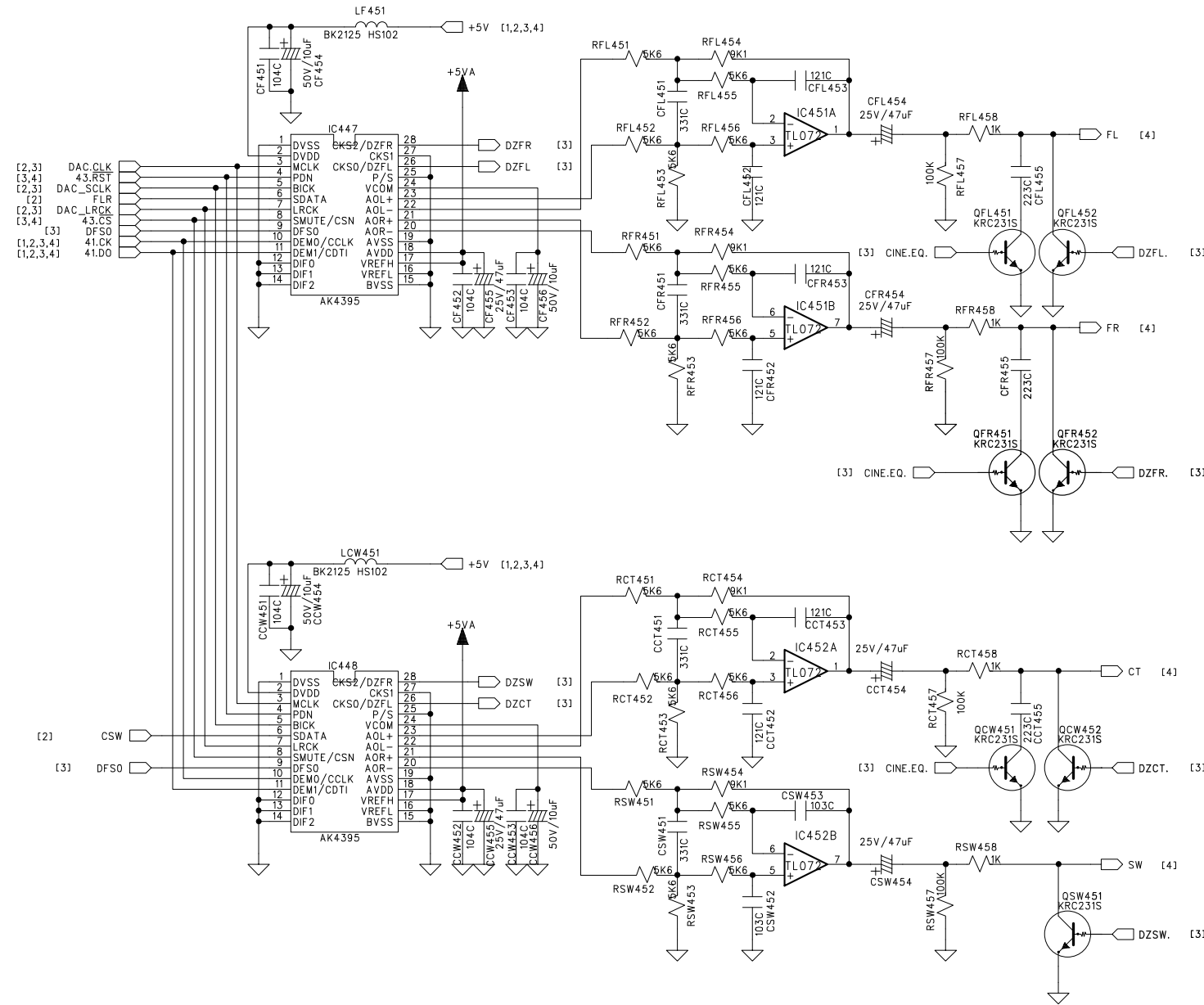
Digital PCB 016E-1390C00 (1/4)



Digital PCB 016E-1390C00 (2/4)



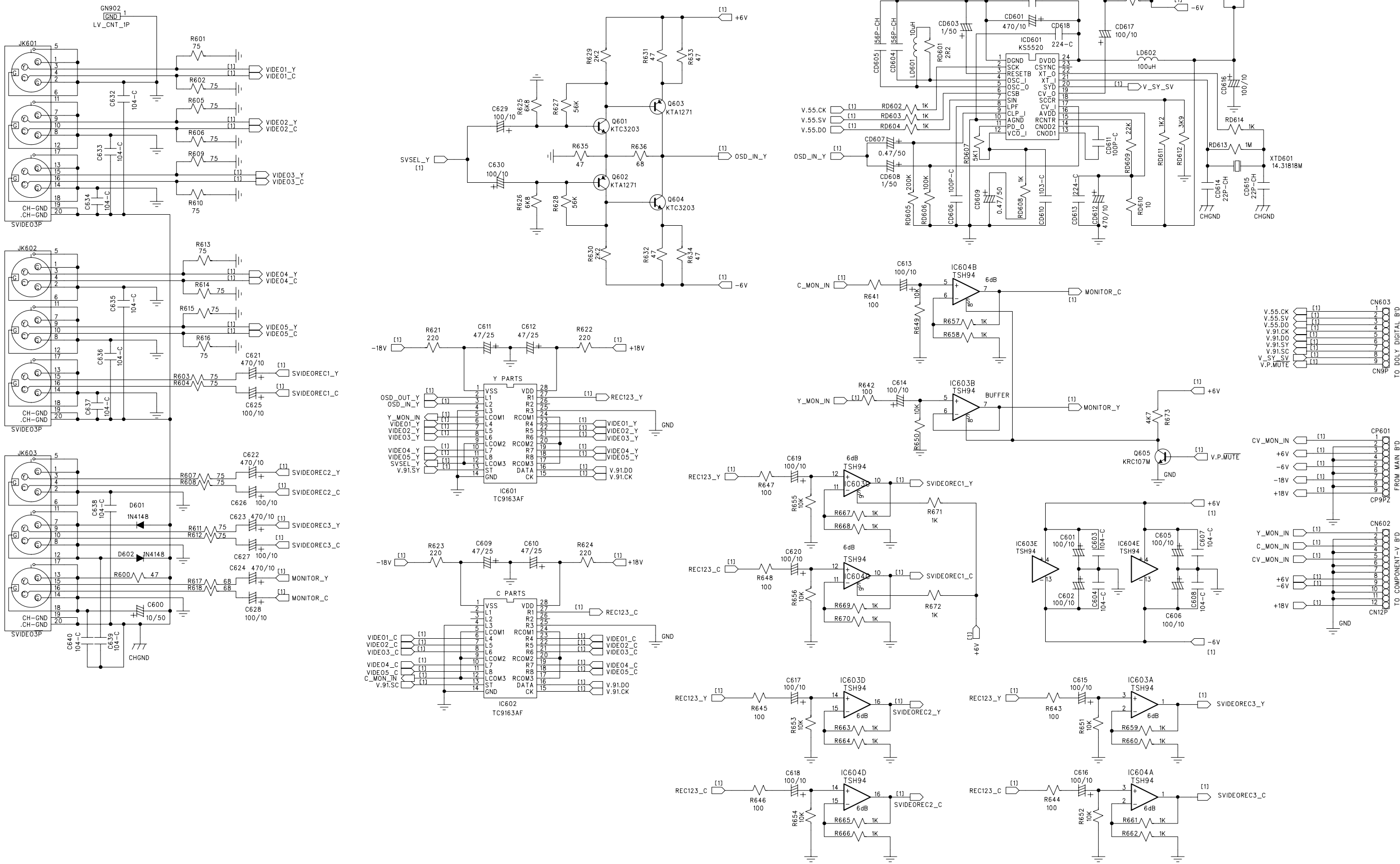
Digital PCB 016E-1390C00 (3/4)



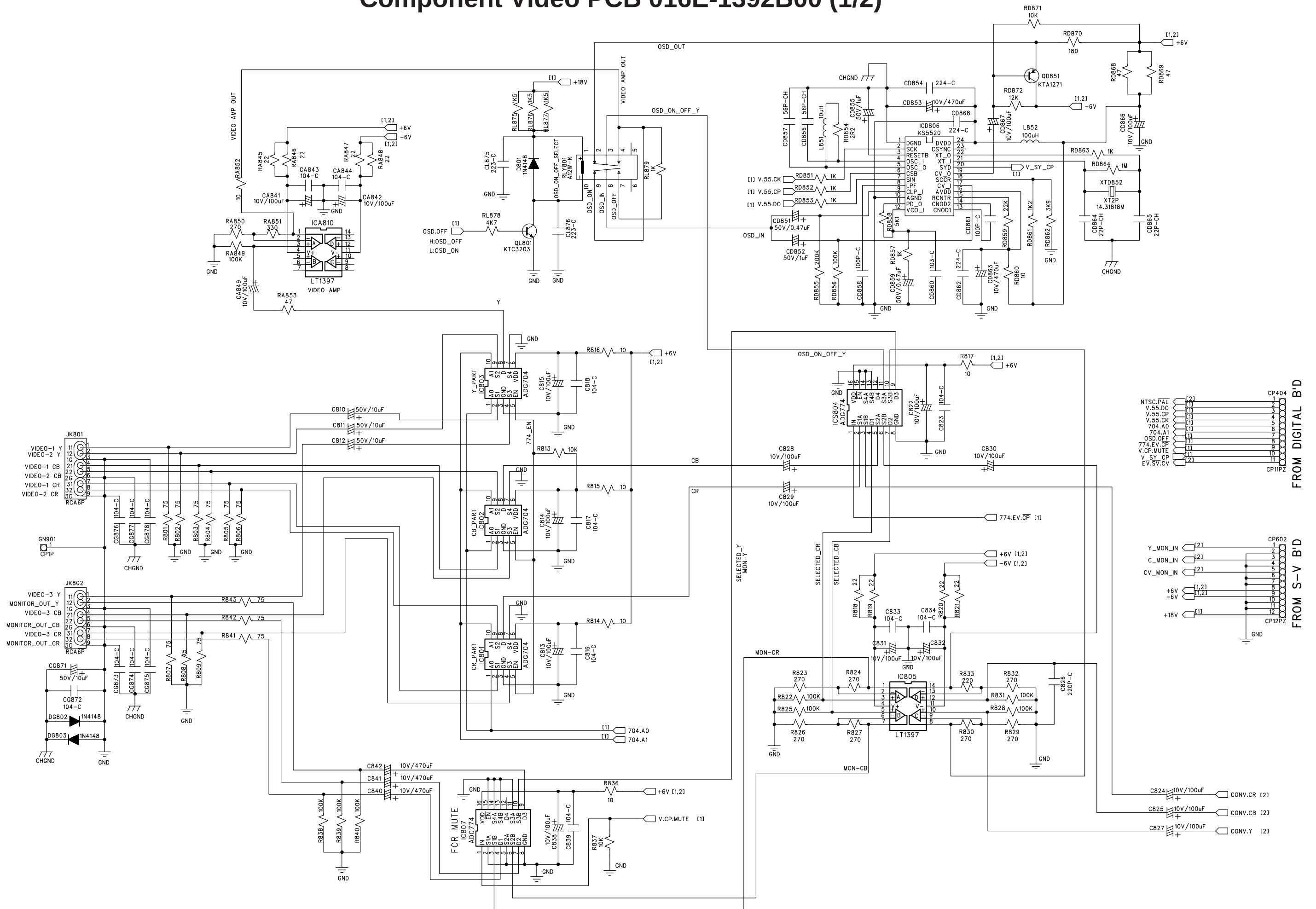
The schematic diagram illustrates the internal architecture of a digital video recorder (DVR) system. Key components and their functions include:

- Microprocessors:** IC401 (TMP95C063) serves as the main processor, managing system operations. IC402 (ADRI00:17) and IC403 (ADRI00:17) are address decoders. IC404 (TDA114) is a video decoder.
- Memory:** IC405 (IS62C256) and IC406 (EN29F002NT) provide non-volatile storage for system settings and user data.
- Power Supply:** Multiple sections regulate power from a 50V AC source. These include a main +5V supply, a standby +5V supply (STBY+5V), and 12V triggers for external devices.
- Signal Processing:**
 - Video:** SVIDEO and COMPONENT inputs are processed by IC404 and IC405. Video output is handled by IC406.
 - Audio:** Front panel (FRT) and zone (ZONE) audio inputs are managed by IC401 and IC402.
 - Control:** Various control signals like MUTE, RST, TX, RX, and SW are processed by IC401 and IC402.
- Connectors:** Numerous connectors (e.g., CP201, CP801, CP10PZ, CP102, CP403, CP405, CN406, CN404, CN1P, CP603, CP9PZ) interface the device with external equipment.
- Relays and Switches:** Relays (KRC107S, KDS184RTK) and switches (SW-DIP-2P) are used for signal routing and protection.
- Reset and Watchdog:** A reset circuit (R401, R402, C401, C402) and a watchdog timer (WDT) ensure system stability.

Video PCB 016E-1391B00

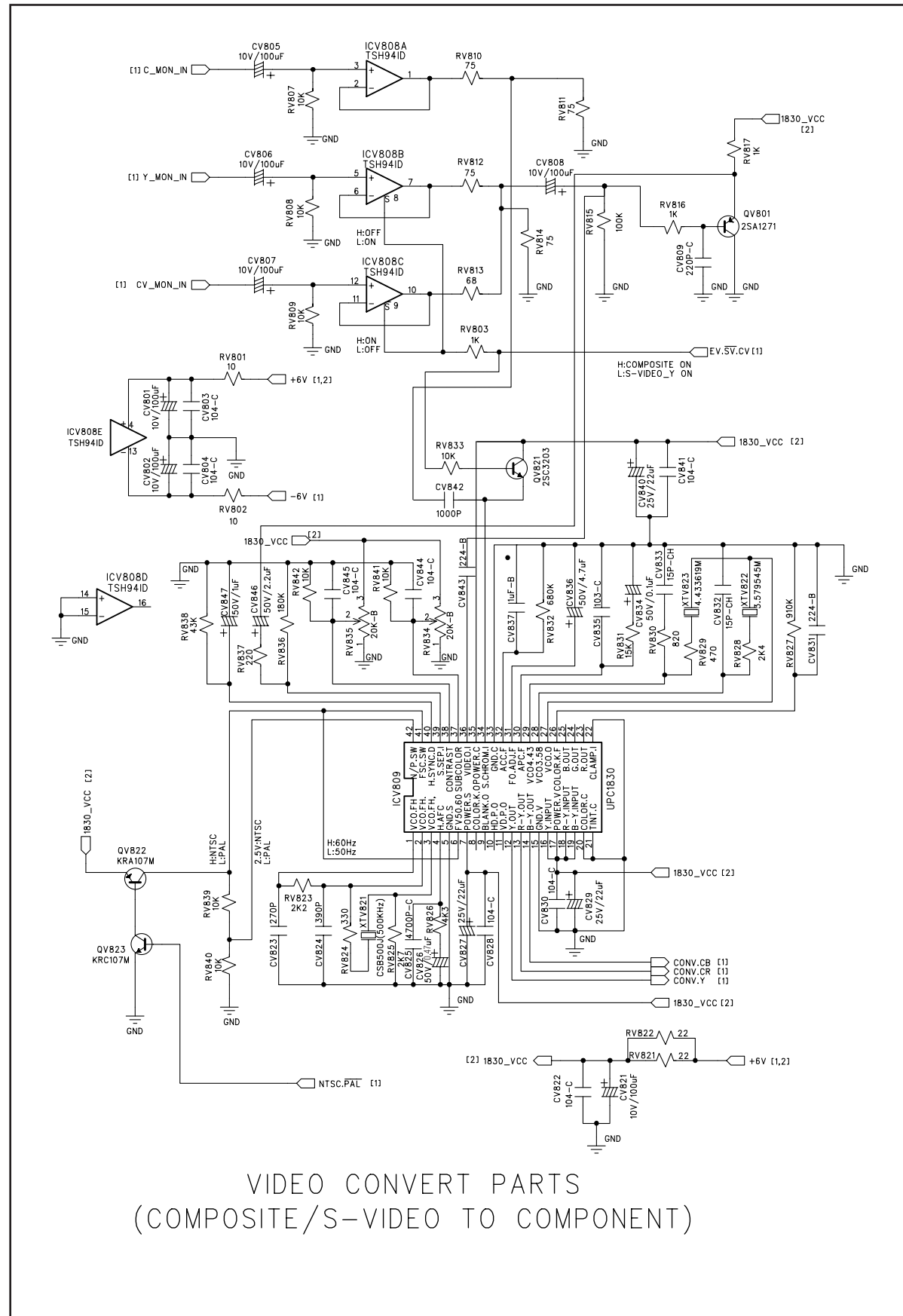


Component Video PCB 016E-1392B00 (1/2)

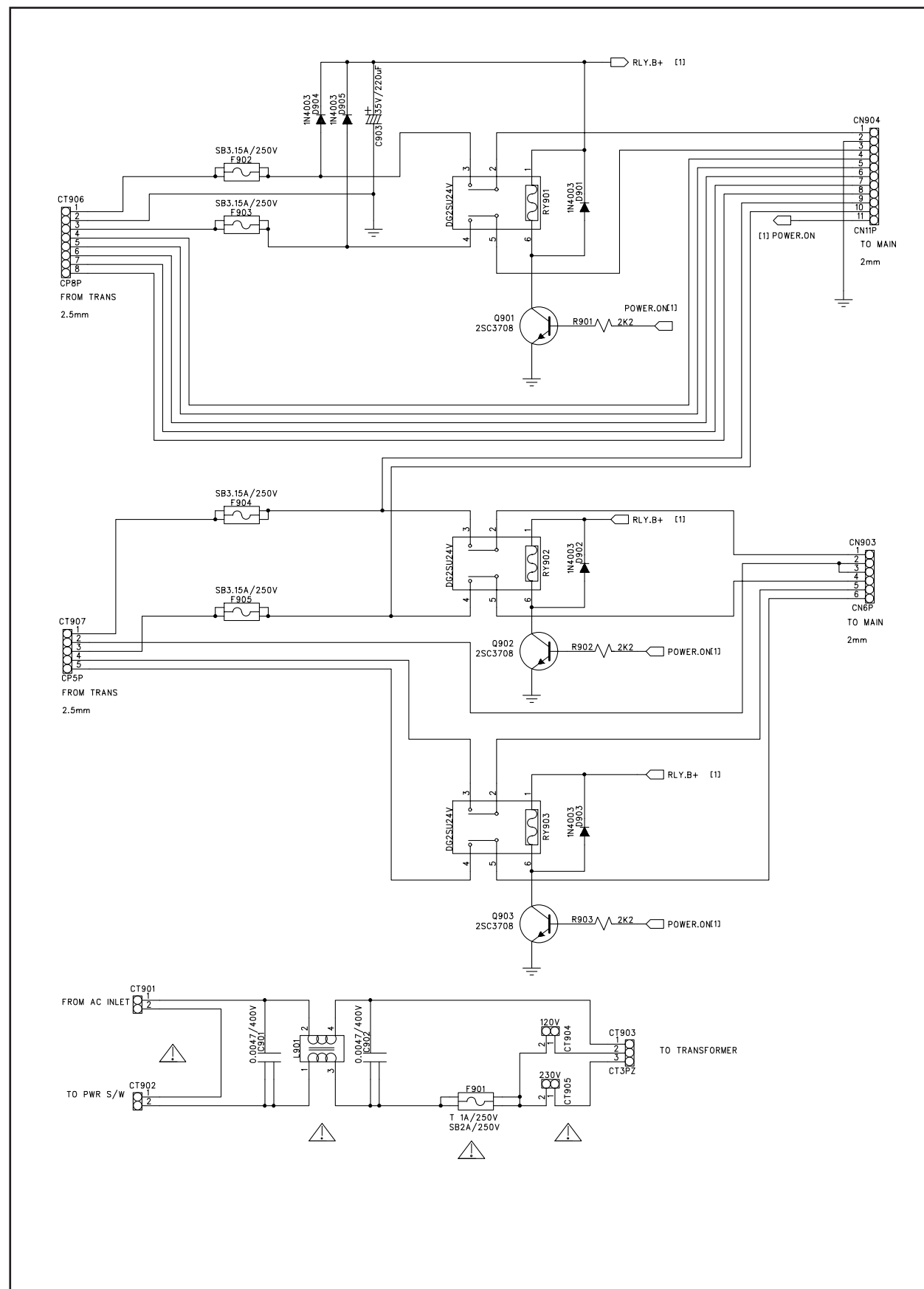


Schematic Diagram 12/13

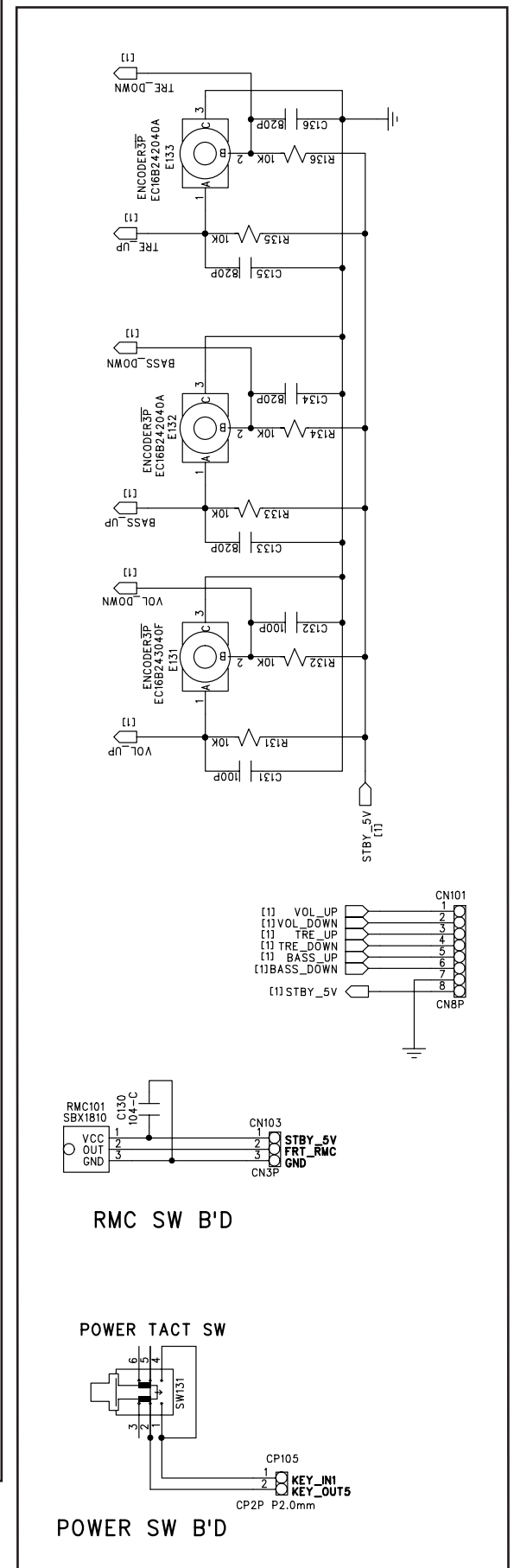
Up-Conversion Circuit 016E-1392B00 (2/2)



Power PCB 016X-1395A01~02



Encoder, RMC, Power Sw PCB
016X-1396A01~03



Terminal PCB 016E-1393A00

