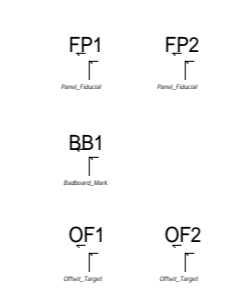
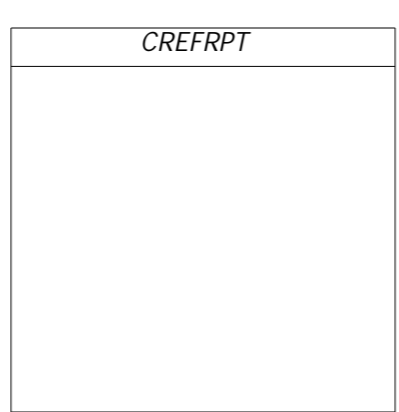
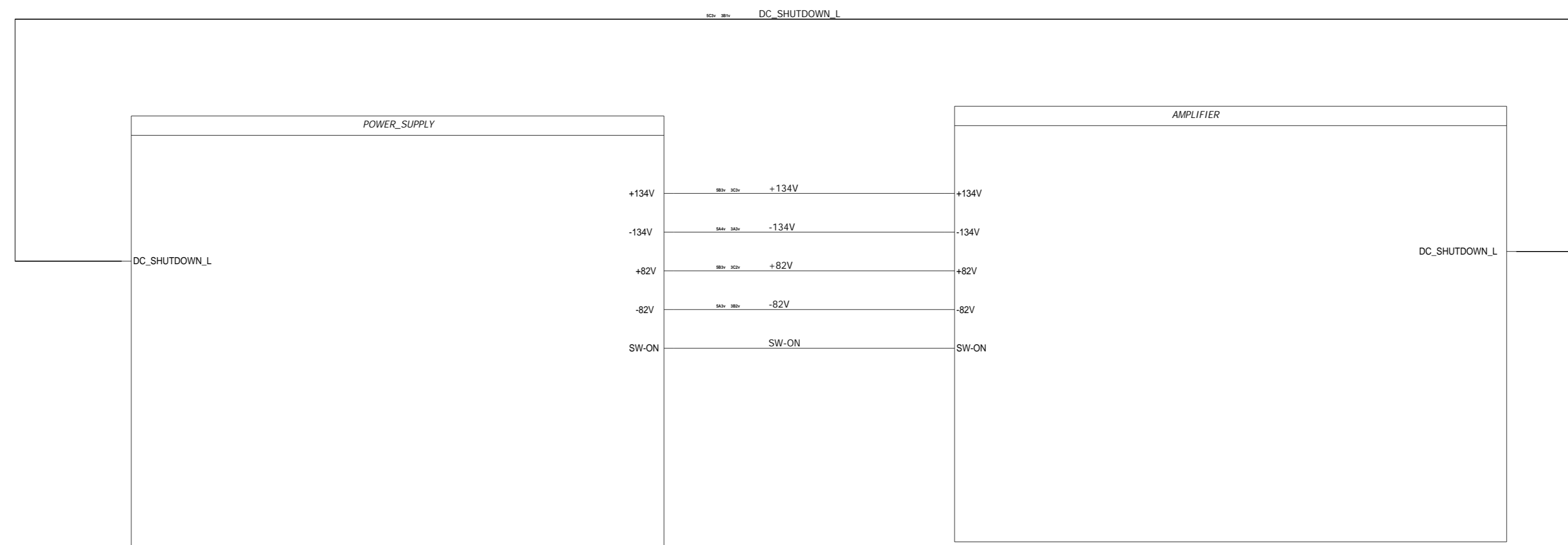


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| REVISIONS | | | | |
|-----------|--|-----------|-----|---------------|
| REV | DESCRIPTION | EFF. DATE | CHK | APPROVED/DATE |
| A | PRODUCTION RELEASE W/O CHG PER ECO 10438 | 12-10-10 | RAB | DD |
| B | REVISED PER ECO 10999 | 7-21-11 | | |
| C | REVISED PER ECO 11625 | 3-23-12 | | |
| D | REVISED PER ECO 10571 | 6-13-12 | | |

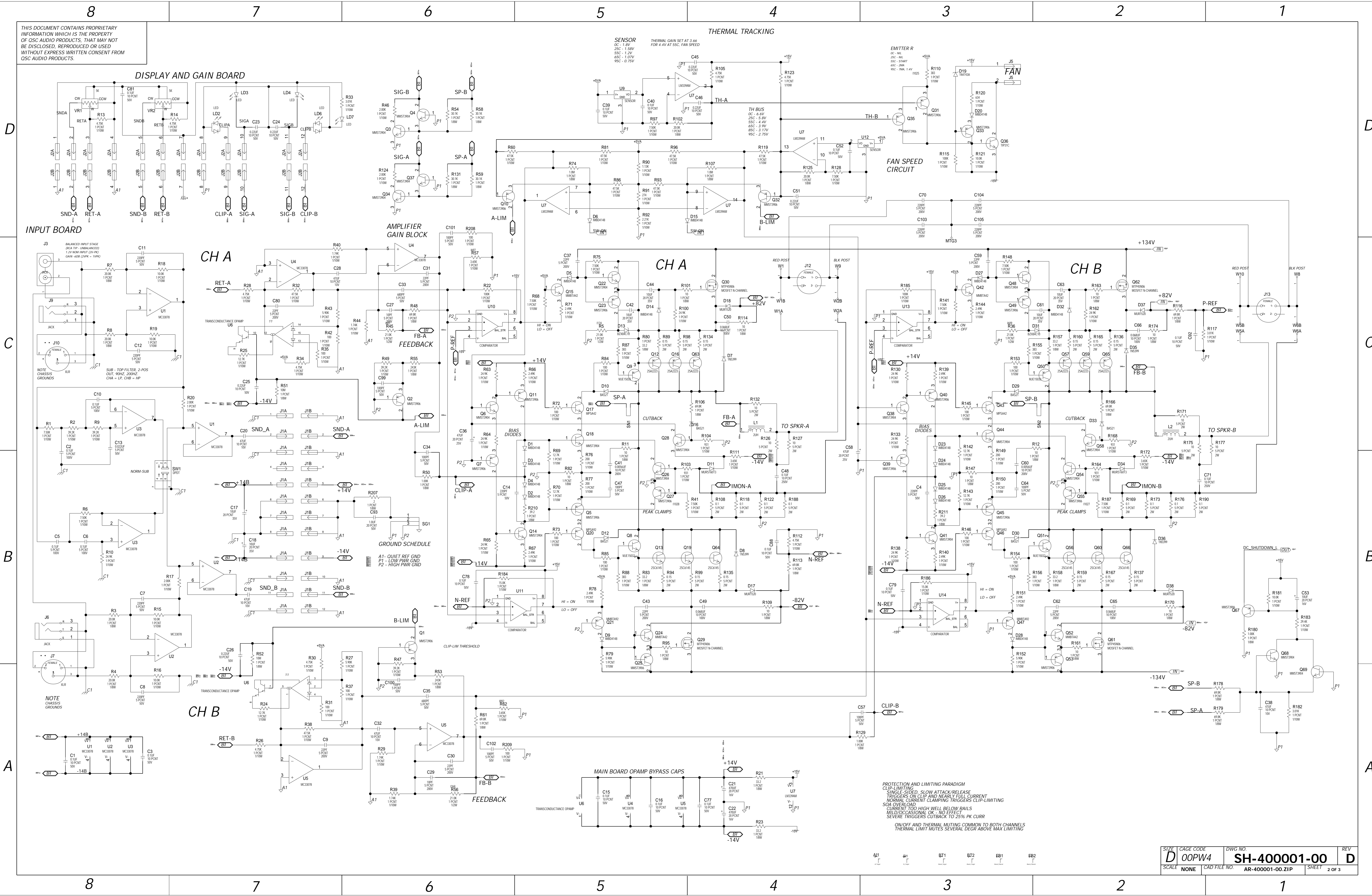


2. COMPONENTS MARKED WITH ARE SAFETY CRITICAL AND MUST BE REPLACED WITH THE EXACT SAME PART
 1. THIS DRAWING USED IN CONJUNCTION WITH ASSEMBLY WP-400001-00.

NOTES: UNLESS OTHERWISE SPECIFIED

| | | | | | |
|-----------------------------|------------|---|----------------------------------|--------------------------------|-----------------|
| CONTRACT NO. | | QSC QSC AUDIO PRODUCTS, LLC. 1675 MACARTHUR BOULEVARD COSTA MESA, CA 92626 | | | |
| APPROVALS | DATE | SCHEMATIC DIAGRAM GX7 | | | |
| DRAWN Matt Skogmo | 10-28-2009 | | | | |
| CHECKED D. GAVAN | 12-8-10 | | | | |
| ISSUED DENISE D | 12-10-10 | SIZE D | CAGE CODE 00PW4 | DWG NO. SH-400001-00 | REV D |
| SEED FILE NO. SUBVERSION | PLOT DATE: | SCALE NONE | CAD FILE NO. AR-400001-00.ZIP | SHEET 1 OF 3 | |

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PROTECTION AND LIMITING PARADIGM
 CLIP-LIMITING: SINGLE-SIDED, SLOW ATTACK/RELEASE TRIGGERS ON CLIP AND NEARLY FULL CURRENT NORMAL CURRENT CLAMPING TRIGGERS CLIP-LIMITING SOA OVERLOAD CURRENT TOO HIGH WELL BELOW RAILS MILDD/OCCASIONAL OK - NO EFFECT SEVERE TRIGGERS CUTBACK TO 25% PK CURR
 ON/OFF AND THERMAL MUTING COMMON TO BOTH CHANNELS THERMAL LIMIT MUTES SEVERAL DEGR ABOVE MAX LIMITING

| | | | |
|-------|--------------|------------------|--------------|
| SIZE | CAGE CODE | DWG NO. | REV |
| D | OOPW4 | SH-400001-00 | D |
| SCALE | CAD FILE NO. | AR-400001-00.ZIP | SHEET 2 of 3 |

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D

C

B

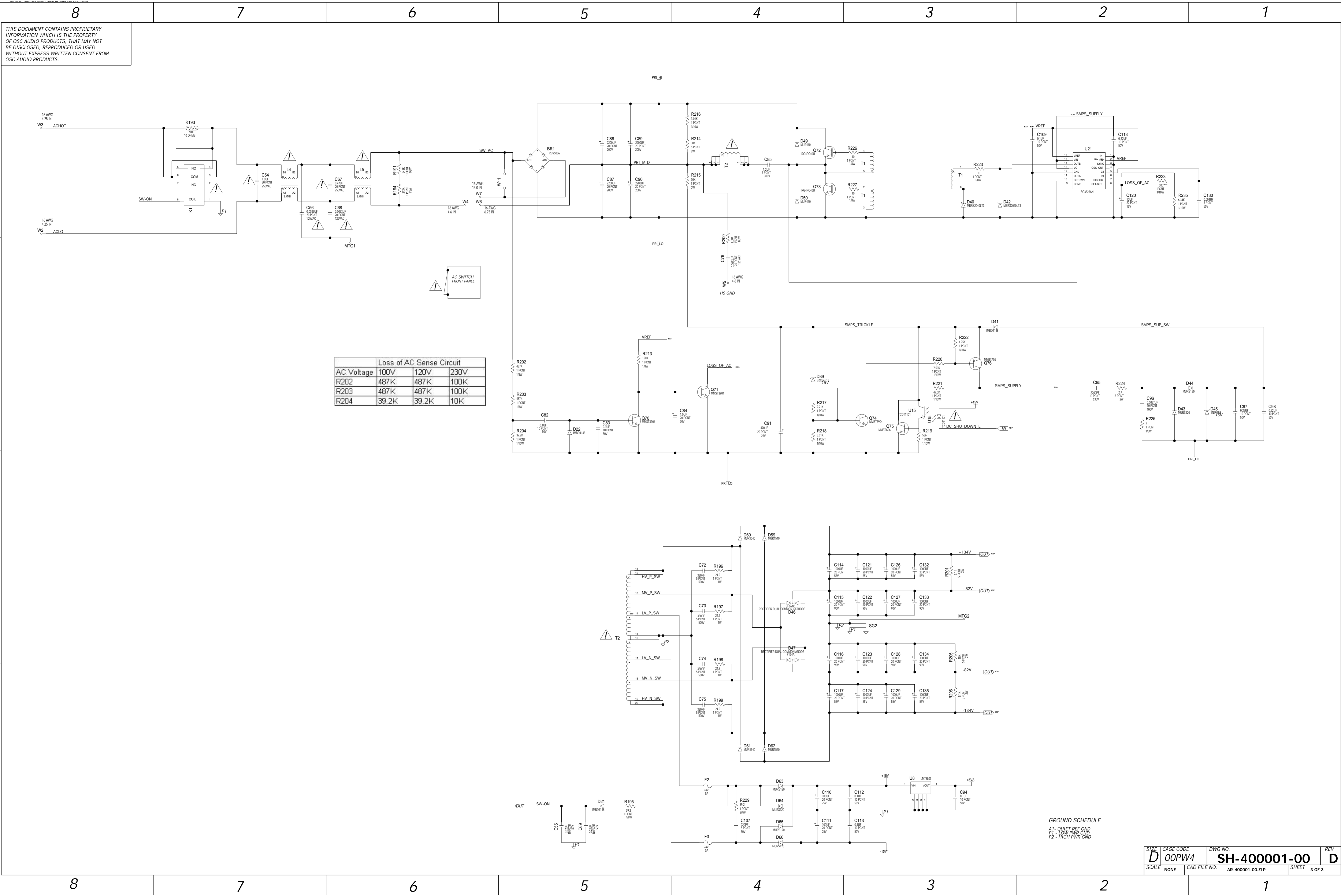
A

D

C

B

A



| | Loss of AC Sense Circuit | | |
|------------|--------------------------|-------|------|
| AC Voltage | 100V | 120V | 230V |
| R202 | 487K | 487K | 100K |
| R203 | 487K | 487K | 100K |
| R204 | 39.2K | 39.2K | 10K |

GROUND SCHEDULE
 A1- QUIET REF GND
 P1 - LOW PWR GND
 P2 - HIGH PWR GND