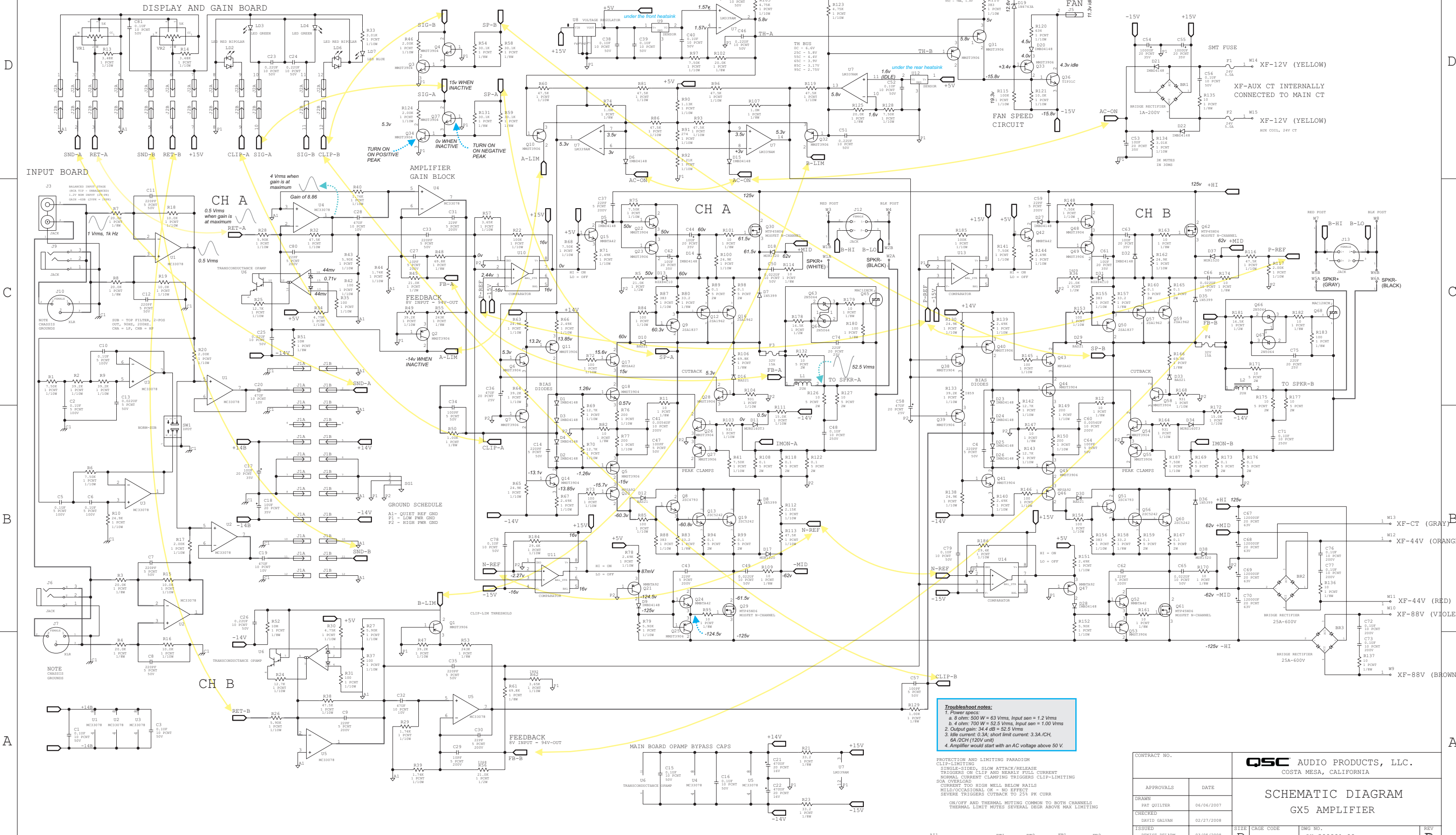


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REVISIONS				
REV	DESCRIPTION	EFF. DATE	CHK	APPROVED/DATE
B	PRODUCTION RELEASED PER ECO 8550	03/15/08	RAB	DD
EMITTER RESISTORS HAVE NEW PART NUMBER				
UPDATED GAIN POTS AND SPEAKERS				



NOTES: UNLESS OTHERWISE SPECIFIED

**TRUBLESHOOT NOTES:**

1. Power specs:
  - a. 8 ohm: 500 W = 63 Vrms, Input sen = 1.2 Vrms
  - b. 4 ohm: 700 W = 52.5 Vrms, Input sen = 1.00 Vrms
2. Output gain: 34.4 dB = 52.5 Vrms
3. Idle current: 0.5A; short limit current: 3.3A/CH, 6A/2CH (120V unit)
4. Amplifier will start with an AC voltage above 50 V.

**PROTECTION AND LIMITING PARADIGM**

CLIP-LIMITING, SLOW ATTACK/RELEASE TRIGGERS ON CLIP AND NEARLY FULL CURRENT NORMAL CURRENT CLAMPING TRIGGERS CLIP-LIMITING

SON OVERLOAD CURRENT TOO HIGH WILL BELOW RAILS MILD/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

CONTRACT NO.		<b>QSC AUDIO PRODUCTS, LLC.</b> COSTA MESA, CALIFORNIA		
APPROVALS		DATE		
DRAWN		06/06/2007		
CHECKED		02/27/2008		
ISSUED		03/05/2008		
SIZE	CAGE CODE	DWG NO.	REV	
D	00PW4	SH-300001-00	B	
SEED FILE NO.	PLOT DATE:	SCALE	CAD FILE NO.	SHEET 1 OF 1
63.SCH		NONE	AR-300001-00-B.RIP	

**SCHEMATIC DIAGRAM**  
**GX5 AMPLIFIER**

A11 I I B11 I B12 I F11 I F12 I