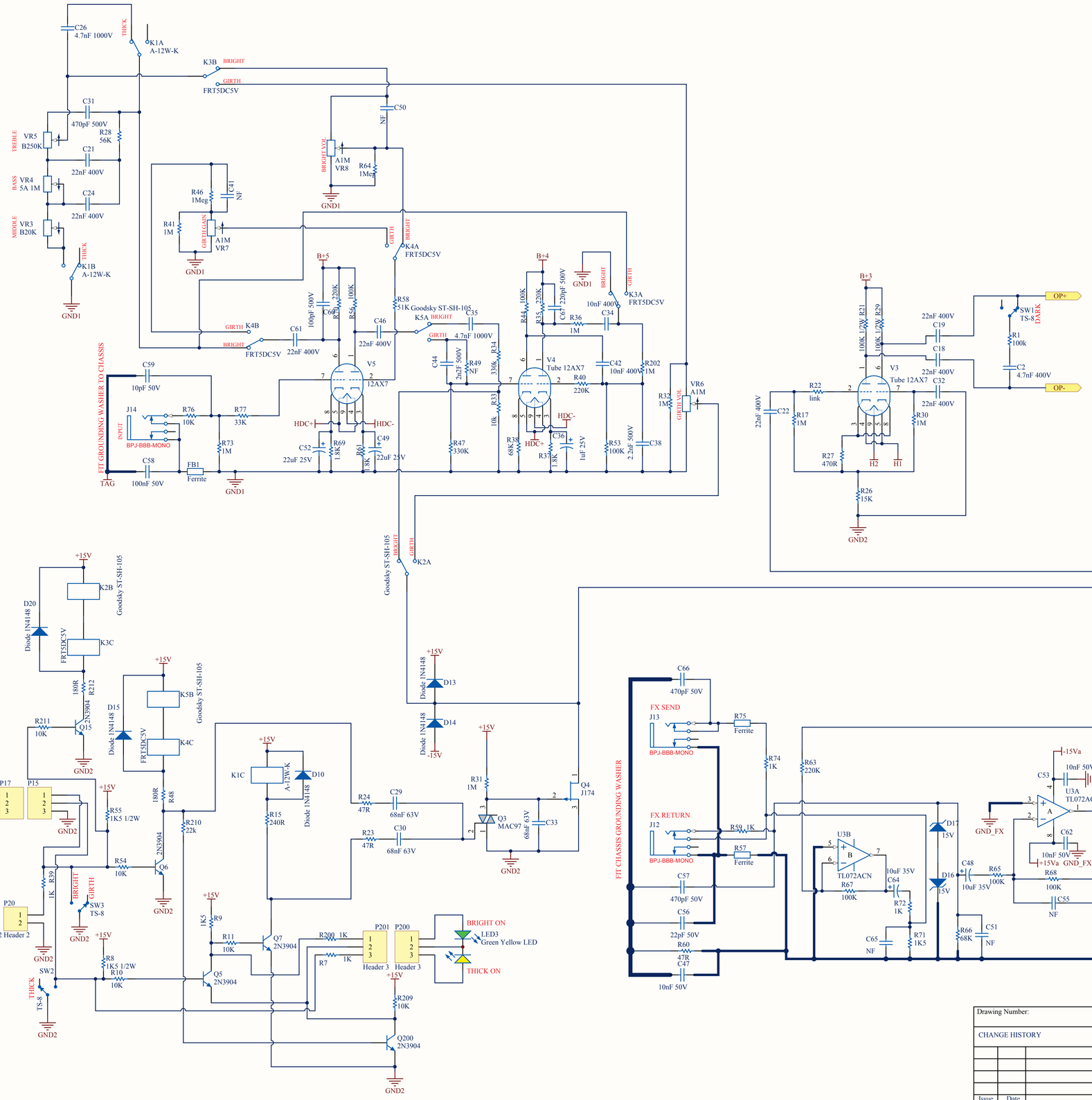


Drawing Number:			Designed By:	Checked By:	Date:	
CHANGE HISTORY			D Clarke	E Tomiyama	18/06/2013	
Issue	Date	Change	Signed			

VOX Amplification ltd.
1 Harrison Close
Knowlhill
Milton Keynes
Bucks, MK5 8PA

Title: ***Night Train 15 G2***

Revision: ISS3b

Sheet 1 of 2

100V-120V: T1.25AL/250V, 220-240V:T630mAL/250V

POWER SWITCH

F5

Chassis Earth

SCK105 SG1 SG2 SCK105

J1 272V~ 1/4" Spade

J4 STANDBY SWITCH 0V 1/4" Spade

J2 272V~ 1/4" Spade

C3 1nF 1KV D1 1N4007 D2 1N4007 C4 1nF 1KV

C9 1nF 1KV D5 1N4007 D6 1N4007 C10 1nF 1KV

F2 T315mAL

B+1 R78 1K 5W B+2 R19 3K9 1W B+3 R20 22K 1W B+4 R62 10K 1W B+5

10nF 500V C5 47uF 450V C1 47uF 450V C11 10nF 500V C8 47uF 450V C2 10nF 500V C28 22uF 350V C37 10nF 500V C43 22uF 350V C54 10nF 500V C63

NT1 GND3 GND2 NT2 GND1

J3 1/4" Spade F1 0R47 1/4W FUSIBLE

J5 13.5V~ 1/4" Spade GND3

D3 1N4007 R4 10R 1W +15V

D7 15V 1.3W C6 2200uF 35V C12 1000uF 25V

GND3

D8 15V 1.3W C7 1000uF 35V C13 1000uF 25V

D4 1N4007 R3 Standard Version: 470R 1 W ErP Version: 100R 1W -15V

U1 IN OUT GND NJM7808 C16 100uF 16V C15 10nF 50V GND3

FITTED FOR ErP VERSION ONLY

P40 1 2 TO ErP Control Header 2

TO FX P7 Header 3 - Wide

P19 Header 3 - Wide

OP+ OP-

+8Va R204 1k +15Va C68 10uF 25V GND_FX C69 10uF 25V R205 1k -15Va

MASTER VOLUME VR1A A200K MASTER VOLUME VR1B A200K

GND3

V1 Tube EL84 R5 3K3 R2 470R 1W B+2

C14 220uF 63V R79 120R 5W GND3

H1 H2 11.3V

V2 Tube EL84 R16 3K3 R18 470R 1W B+2

P3 1/4" Spade P5 1/4" Spade

B+1 1/4" Spade P1

P9 1/4" Spade P8 1/4" Spade P10 1/4" Spade

J10 16 OHM BPJ-BBB-MONO J9 8 OHM BPJ-BBB-MONO J7 8 OHM BPJ-BBB-MONO

R25 Ferrite Chassis Earth

FIT GROUNDING WASHER TO CHASSIS

J8 1/4" Spade 6.3V~ J6 1/4" Spade F3 T6.3AL

H1 220R 1/2W R13 H2 P6 1 2 Header 2 P14 1 2 Header 2 LED2 RED LED

R12 100R 1/2W R6 100R 1/2W C17 100uF 35V GND3

HDC+ HDC-

H1 D11 H2 AC AC V+ V- KBU4A

C20 3300uF 16V C23 3300uF 16V C27 3300uF 16V GND3

R230 22R 1W C73 100uF 16V D50 C74 100nF 50V

H G2: 3V9 1.3W C1: 5V1 1.3W

P30 1 2 Header 2 FOR FAN

SAFETY CRITICAL COMPONENT
REPLACE ONLY WITH THE SAME TYPE & RATING
IF IN DOUBT CONTACT SUPPLIER

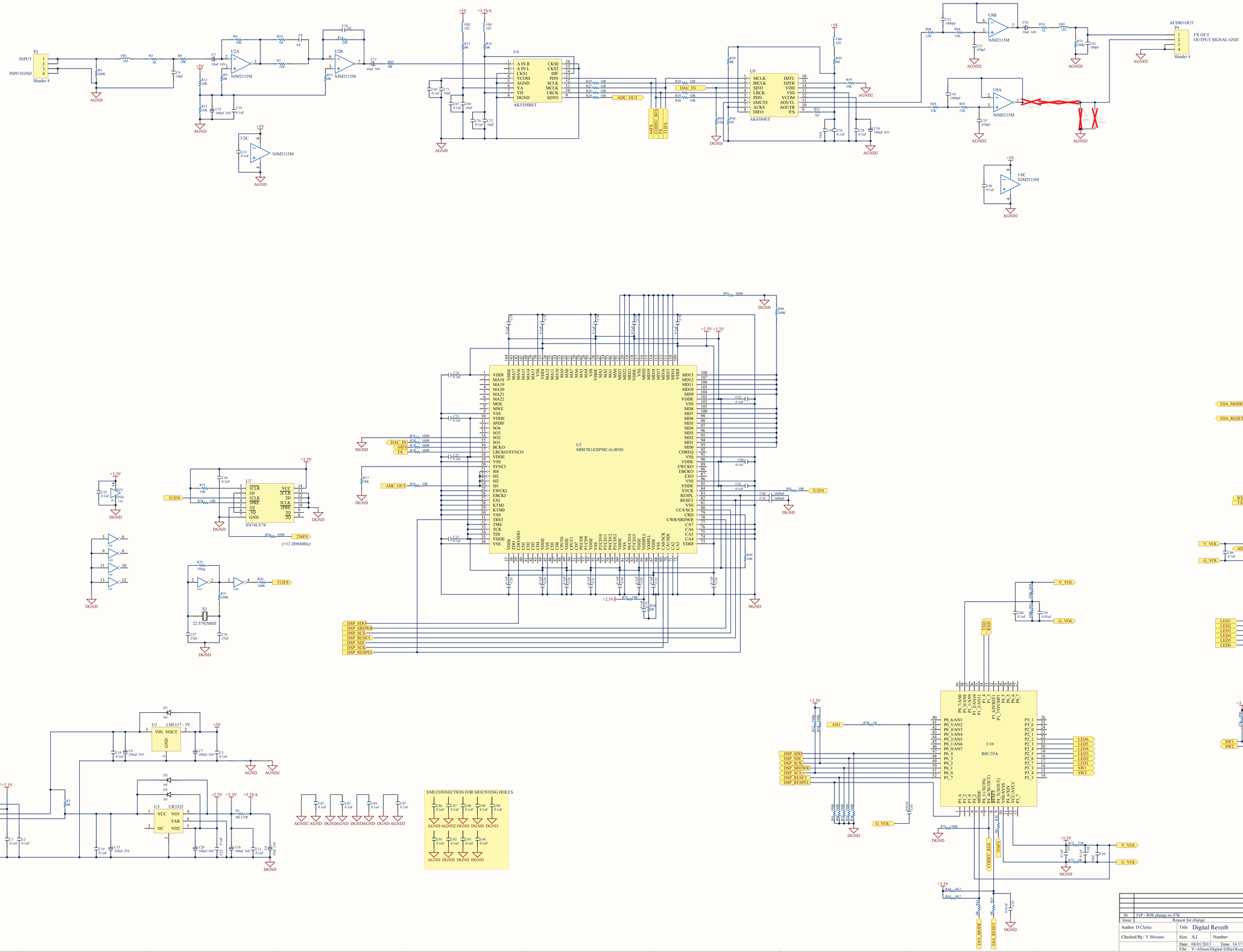
Drawing Number:				Designed By:	Checked By:	Date:	
CHANGE HISTORY				D Clarke	E Tomiyama	18/06/2013	
Issue	Date	Change	Signed				
3b	13/06/13	Unify R230 to be 22R 1W	DC				
3a	20/05/13	Add Fan for NT15H-G2	DC				

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Title: ***Night Train 15 G2***

Revision: ISS3b

Sheet 2 of 2

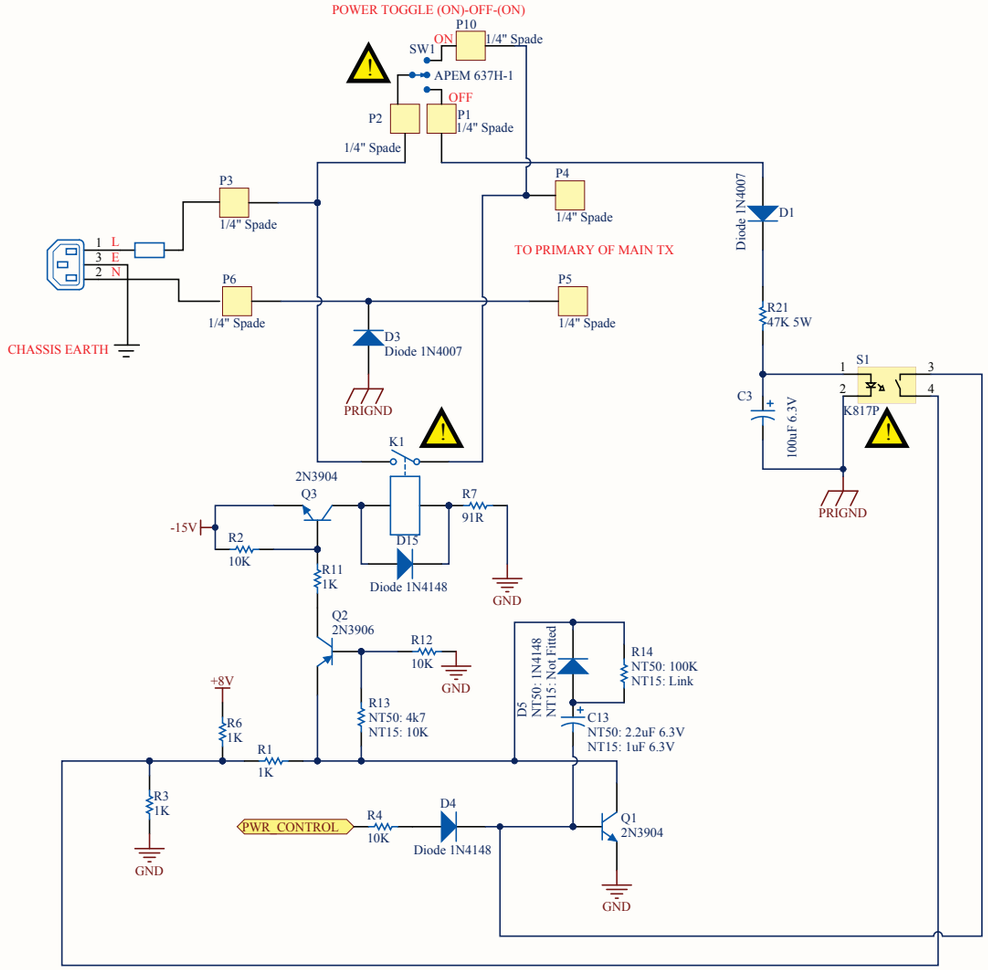


Rev	Reason for change	Date	Revised by
3b	ErP - R98 change to 47K	02/01/13	DC
Issue			

Author: D Clarke
Checked By: Y Shiotani

Title: Digital Reverb
Size: A1 | Number: | Revision: ISS3b
Date: 08/01/2013 | Time: 14:17:55 | Sheet 1 of 1
File: V:\Altium\Digital Effect\Korg Reverb module SchDoc

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Issue	Reason for change	Date	Revised by
5	K1 Spec Changed, R7 Value changed to increase current	10/07/13	DC

Author: D Clarke
Checked By: E Tomiyama

Title: *ErP Solution for NT's*
Size: A3 Number: Revision: ISS5
Date: 10/07/2013 Time: 08:52:05 Sheet 1 of 1
File: V:\Altium\ERP\NT ErP v2 ISS5.SchDoc

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