

6

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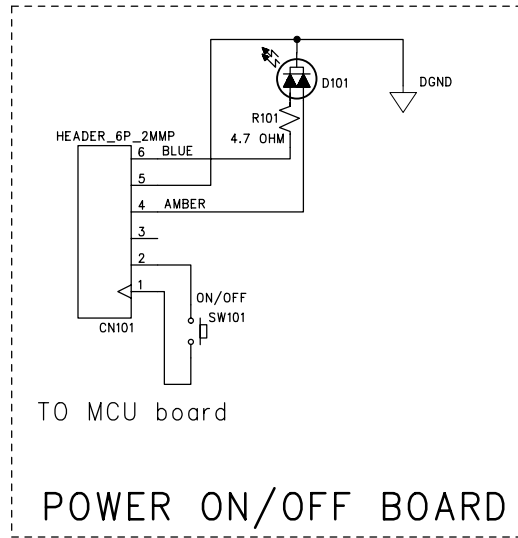
4

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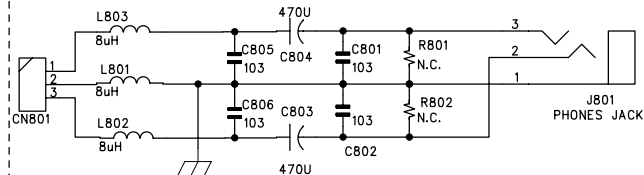
PCB: 4897-150110-001, Rev.D



Remark:

- C805, C806 soldered on solder side.
- C805, C806 soldered to GND by wire with a 0.22uF cap in series.

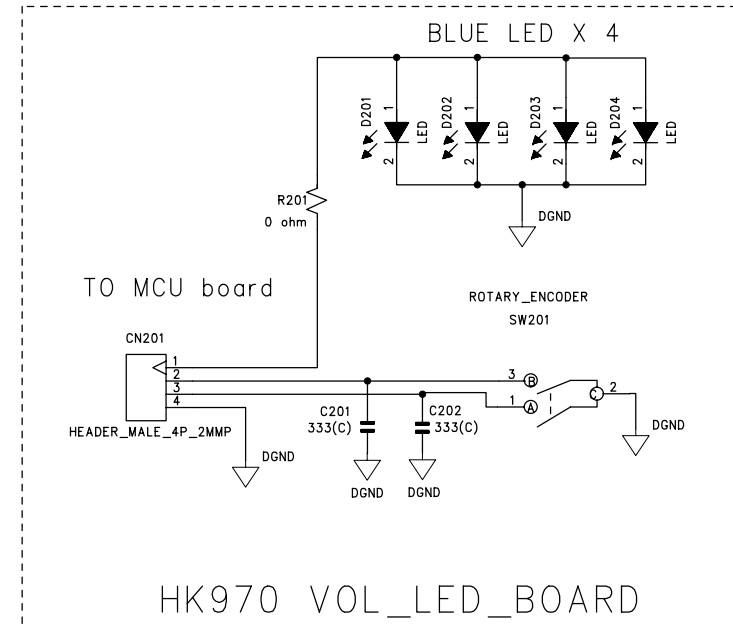
HEADPHONE JACK BOARD



PCB: 4897-150020-001, Rev.B

FILE NAME: VOLLED_ONOFF_970_6.SCH

PCB: 4897-150190-001, Rev.E



Volum Knob Board

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

COMPANY:

TITLE:

HK970 FRONT BOARDS

DRAWN:

DATED:

2005-MAR-08

CHECKED:

DATED:

QUALITY CONTROL:

DATED:

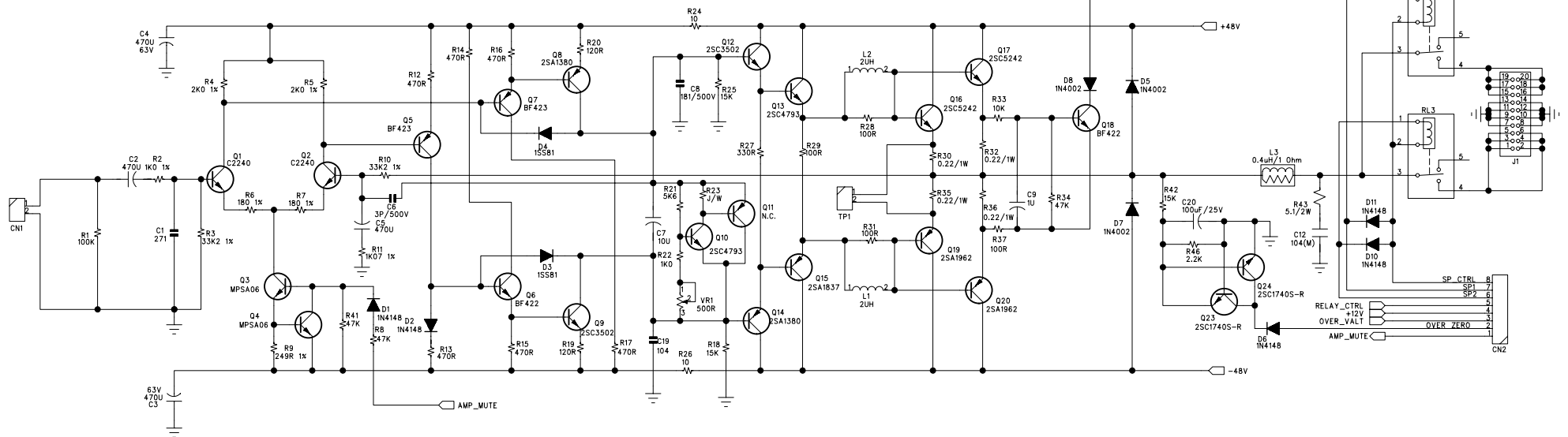
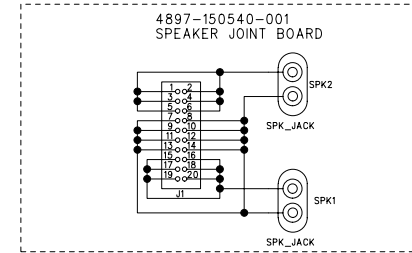
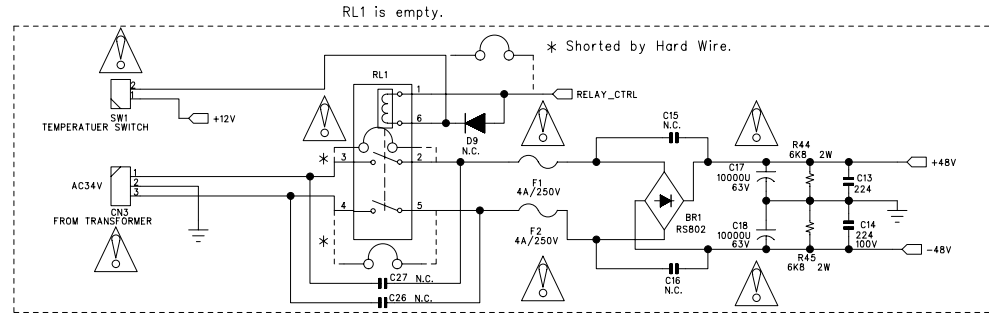
RELEASED:

DATED:

SCALE:

SHEET: OF

YN	SCHEMATIC DRAWING		FILE NAME: LEFTAMP_970.SCH
	HKENF 970004-00		DATE: 2004-10-28
MODEL NO: HK970	PART NO: 4867-000090-101	PART NAME: LEFT CHANNEL POWER AMPLIFIER	
	4897-150540-001	SPEAKER JOINT BOARD	



PURPOSE: SAMPLE MAKING	PRODUCTION	SHEET 1 OF 1	REV A
PREPARED BY:	CHECKED BY:	APPROVED BY:	

YN

SCHEMATIC DRAWING

HKENF 970004-00

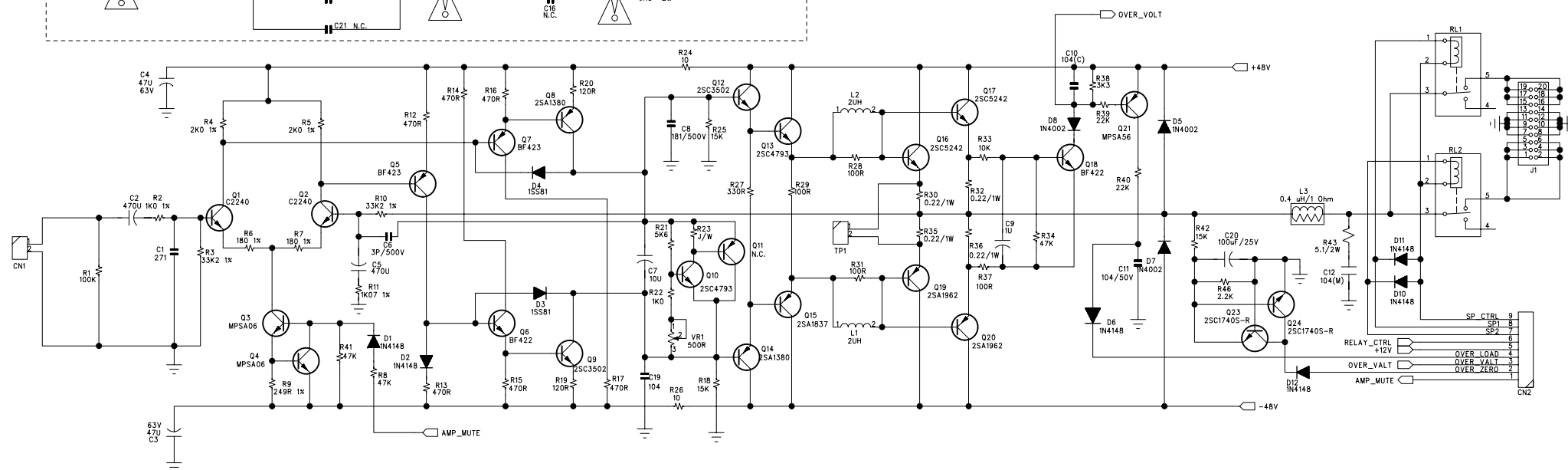
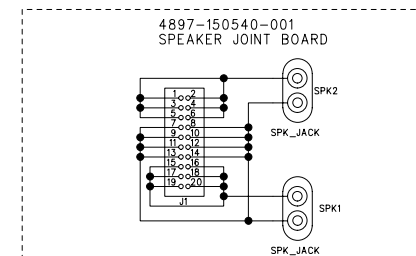
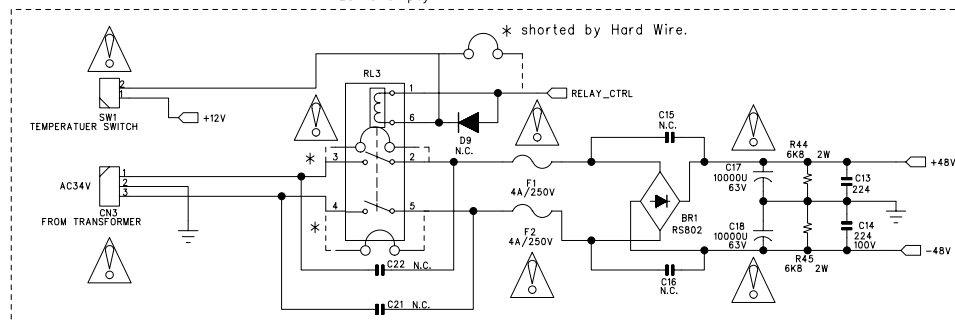
FILE NAME: RIGHTAMP_970.SCH

DATE: 2004-10-28

MODEL NO: HK970

PART NO: 4867-000090-001
4897-150540-001PART NAME: RIGHT CHANNEL POWER AMPLIFIER
SPEAKER JOINT BOARD

RL3 is empty.



Remake:

YN

SCHEMATIC DRAWING
HK970-XXXXXX-XX

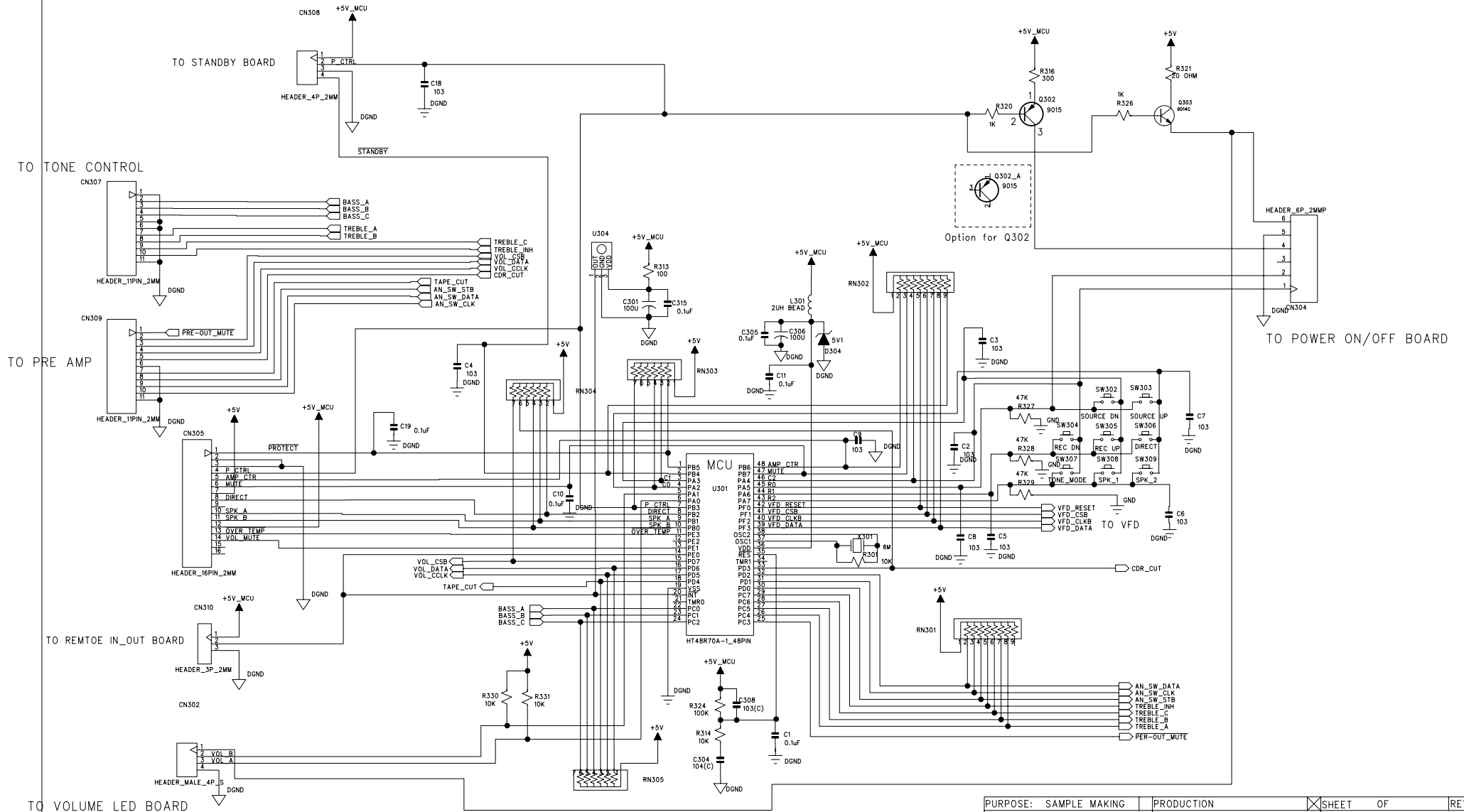
FILE NAME: MCU_970_16.pcb

DATE: 2005-JAN-05

MODEL NO: HK970

PART NO: 4897-150230-001, REV.F

PART NAME: HK970_MCU_VFD BOARD



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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

REMARK:

Note: D303 can affect the brightness of VFD display. Zener voltage decrease, brightness increase.

D

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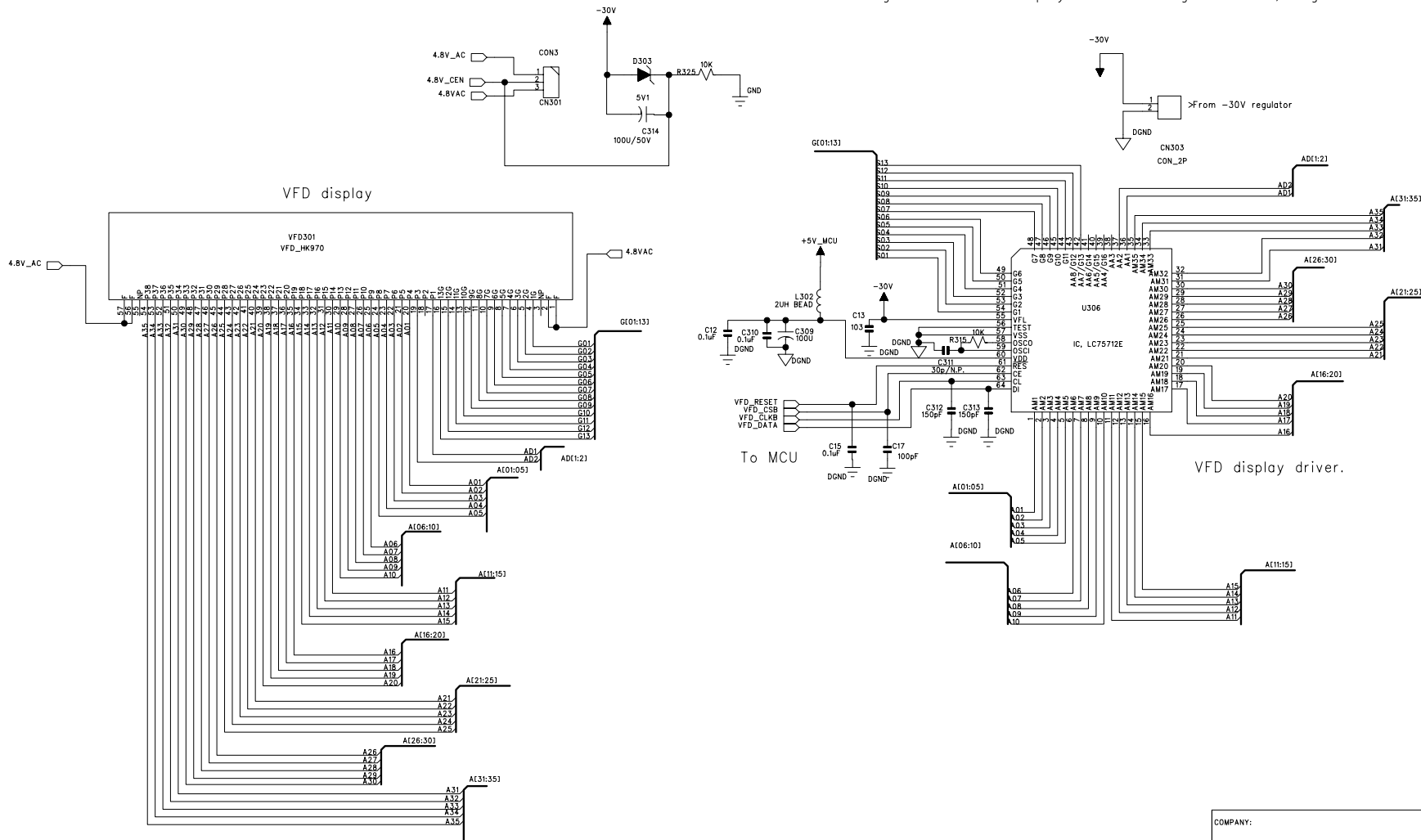
C

B

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A



FILE NAME: MCU_970_16.sch

COMPANY:			
TITLE:			
HK970_MCU_VFD BOARD			
DRAWN:	DATED:	CODE:	SIZE:
CHECKED:	DATED:	DRAWING NO:	REV:
QUALITY CONTROL:	DATED:		
RELEASED:	DATED:	SCALE:	SHEET: OF

SCHEMATIC DRAWING

HKENF 970004-00

FILE NAME: SUPPLY_970_11.SCH

DATE: 2005-JAN-05

MODEL NO: HK970

PART NO:

PART NAME: POWER SUPPLY BOARD

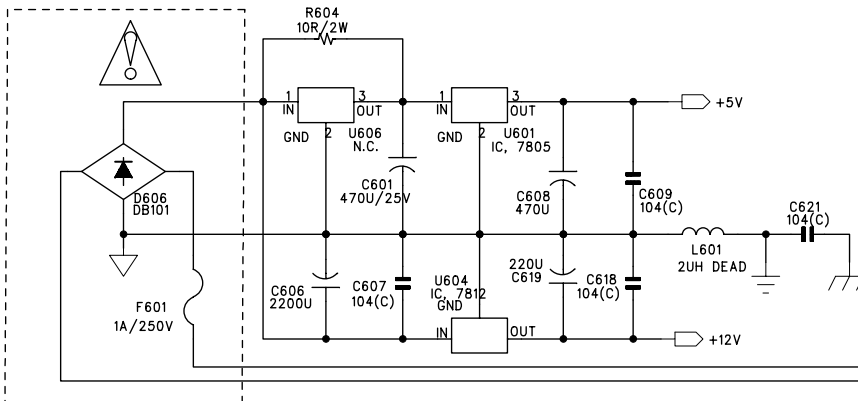
SP_CTRL
SP1
SP2
RELAY_CTRL
+12V
PROTECT_OUT
OVER_LOAD
OVER_ZERO
AMP_MUTE

TO R-CH AMP.

TO L-CH AMP.

SP_CTRL
SP1
SP2
RELAY_CTRL
+12V
OVER_VALT
OVER_ZERO
AMP_MUTE

TO L-CH AMP.

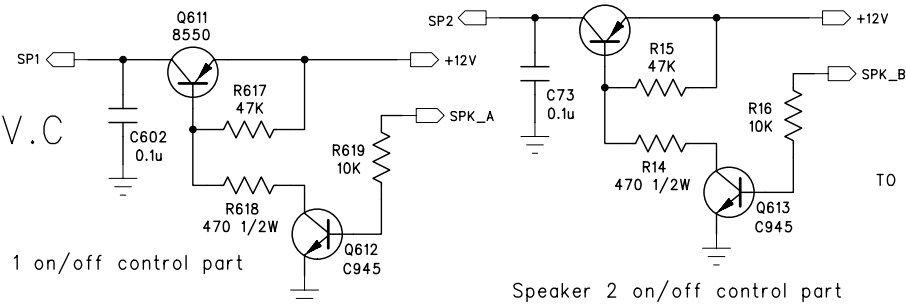


POWER SUPPLY BOARD

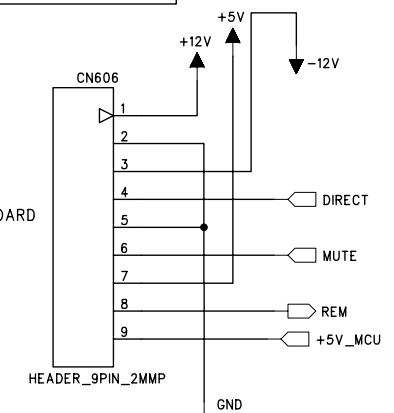
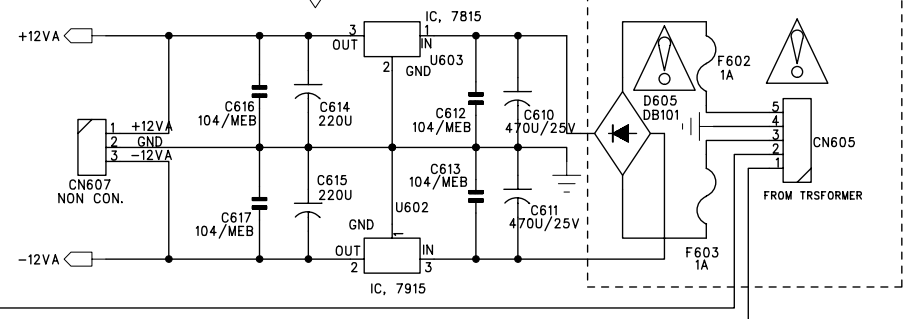
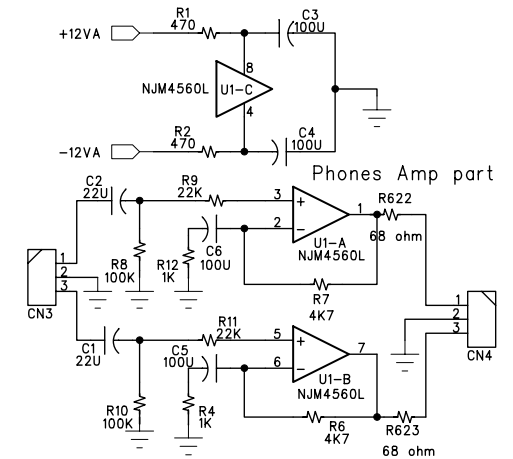
PCB: 4897-150070-001, REV.C

REMARK:

Speaker 1 on/off control part



Speaker 2 on/off control part



PURPOSE: SAMPLE MAKING	PRODUCTION	☒ SHEET 1 OF 1	REV
PREPARED BY:	CHECKED BY:	APPROVED BY:	

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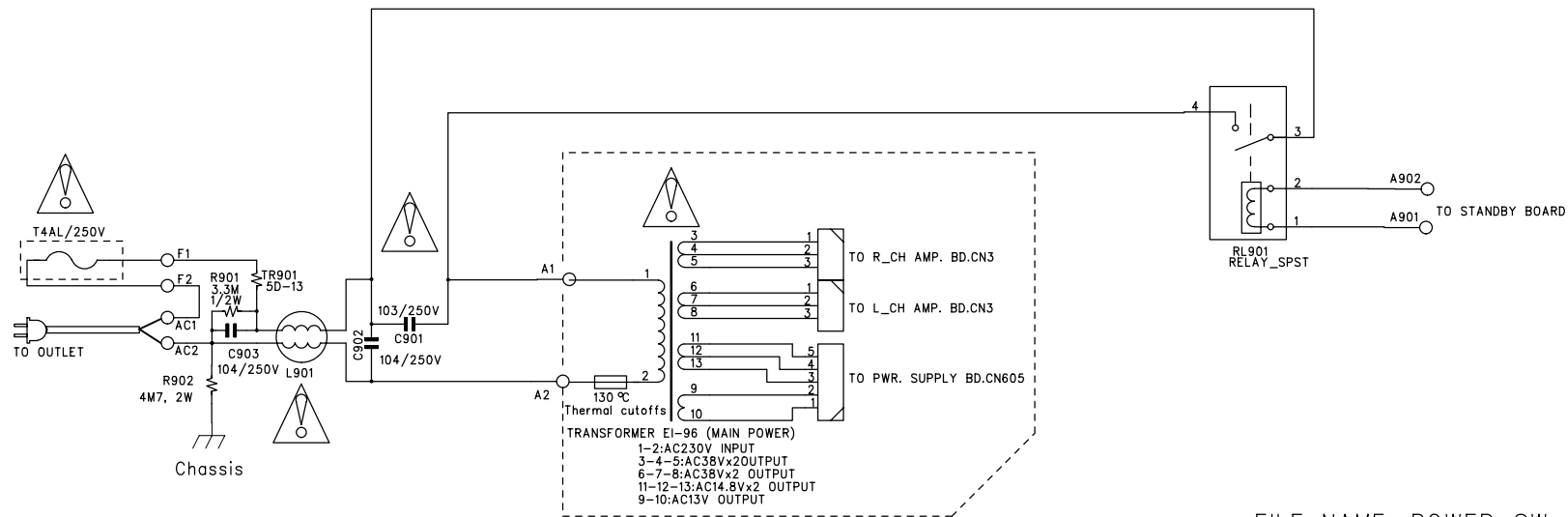
3

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1

REVISION RECORD

LTR	ECO NO:	APPROVED:	DATE:



FILE NAME: POWER_SW_HK970_5.sch

REMARK:

- ADD R902 FOR ESD PROPOSE

POWER SWITCH BOARD

PCB: 4897-150070-101, REV.B

COMPANY:

TITLE:

HK970 POWER SWITCH

DRAWN:

DATED:

2005-JAN-07

CHECKED:

DATED:

QUALITY CONTROL:

DATED:

RELEASED:

DATED:

CODE:

SIZE:

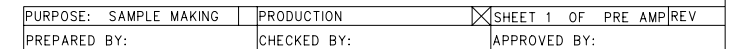
DRAWING NO:

REV:

SCALE:

SHEET: OF

Remark:



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soldering connection

Remark :

D

C

B

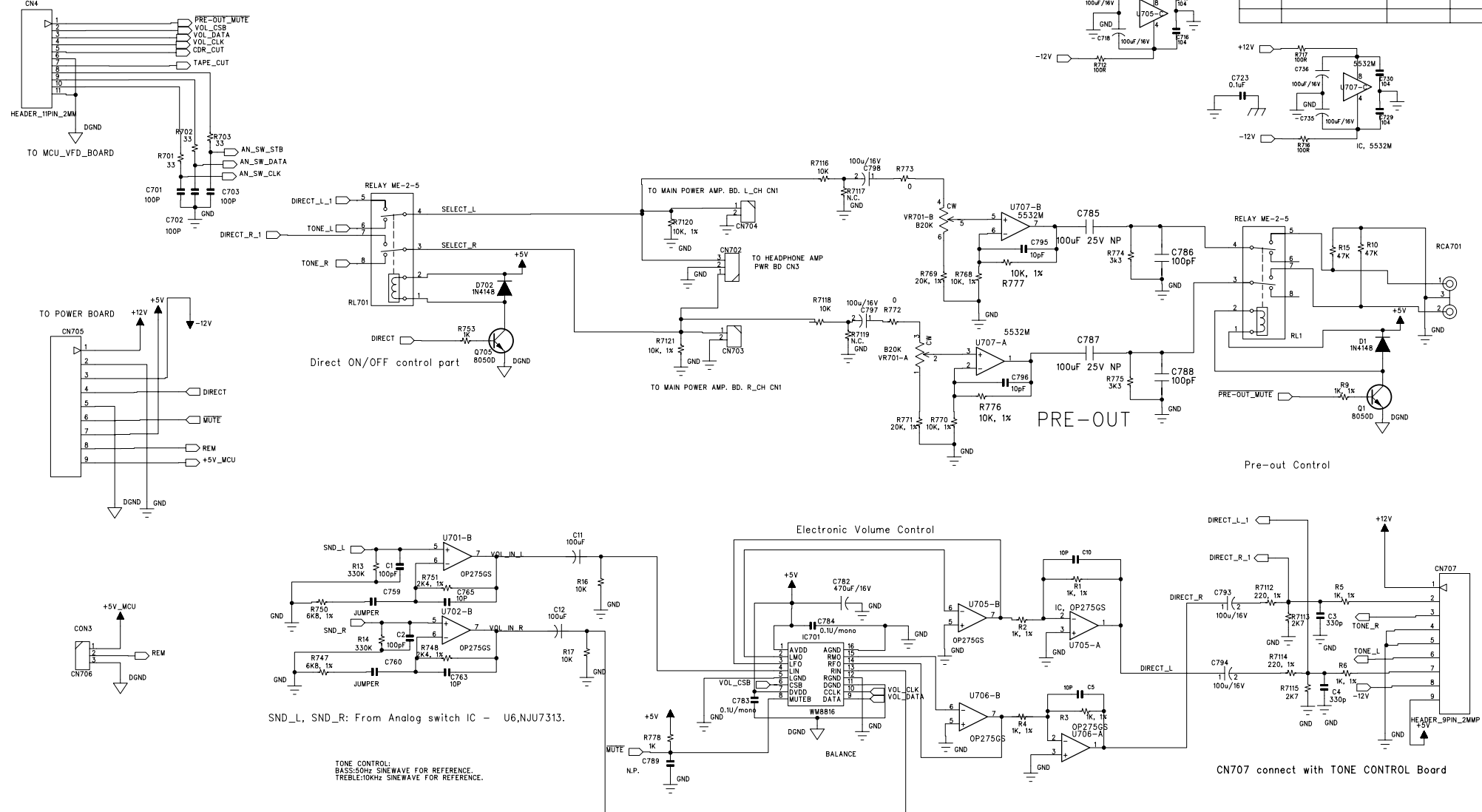
A

D

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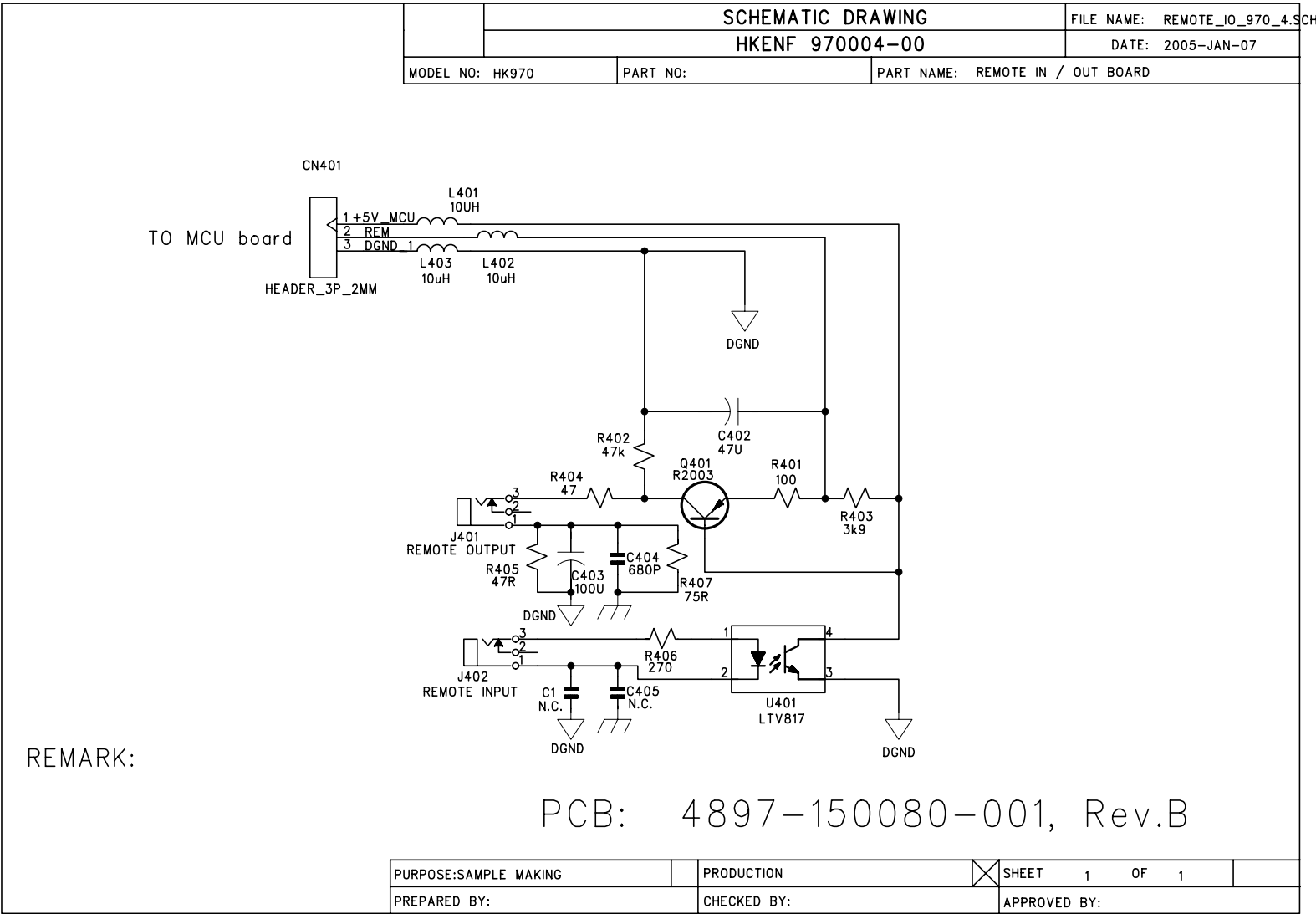
B

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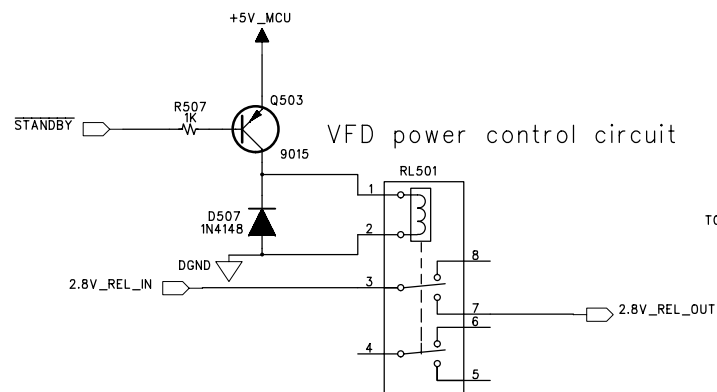
FILE NAME: PRE_AMP_970_6_HM_F.SCH
PCB: 4897-150330-001 REV.F

COMPANY:				
TITLE:				
HK970 PRE AMP BOARD				
DRAWN:	DATED:	CODE:	SIZE:	DRAWING NO:
CHECKED:	DATED:			REV:
QUALITY CONTROL:	DATED:			
RELEASED:	DATED:			
SCALE:				SHEET: 2 OF PRE AMP

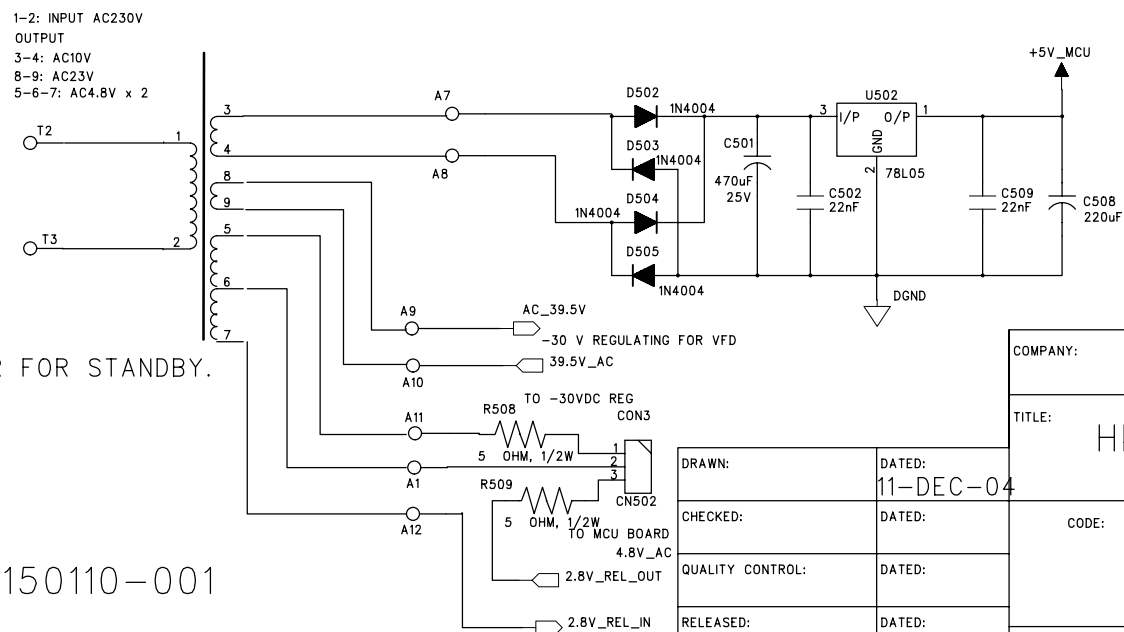
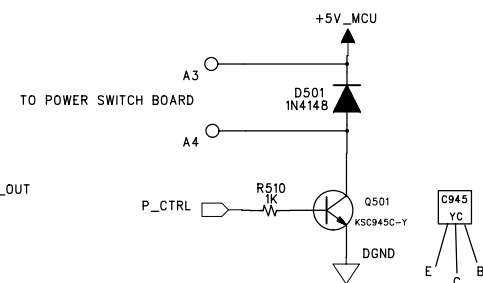


1

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



Primary power control circuit



FILE: standby_board_970_13.sch

COMPANY:

TITLE:

HK970 Standby Power Board

DRAWN:	DATED: 11-DEC-04
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

CODE:	SIZE:	DRAWING NO:	REV:
SCALE:	SHEET: OF		

>From AC Supply

EI-35 TRANSFORMER FOR STANDBY.

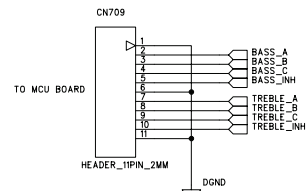
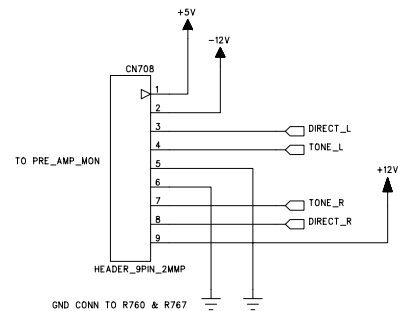
PCB: 4897-150110-001

D

C

B

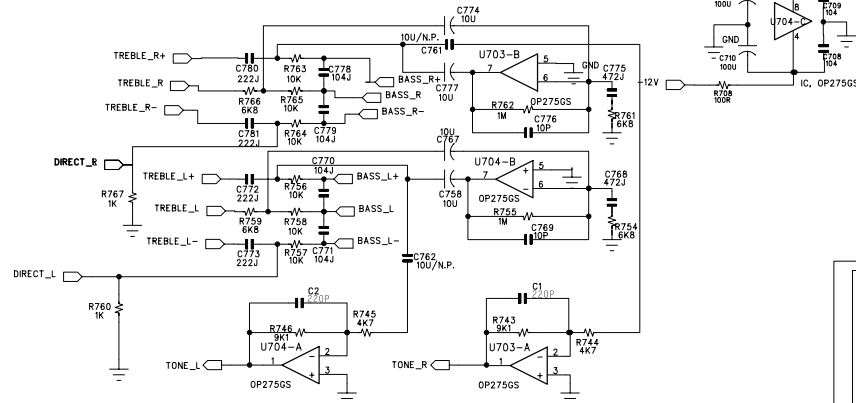
A



REMARK:

Treble Level Selection of Right channel.

Treble Level Selection of Left channel.



Bass Level Selection of Right channel.

Bass Level Selection of Left channel.

FILE NAME: TONE_CONTROL_970_18.SCH

P/N: 4897-150560-001, Rev.F

DRAWN:	DATED:
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

2005-JAN-11

COMPANY:			
TITLE:			
HK970 TONE CONTROL BOARD			
CODE:	SIZE:	DRAWING NO:	REV:
SCALE:	SHEET: OF		

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

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