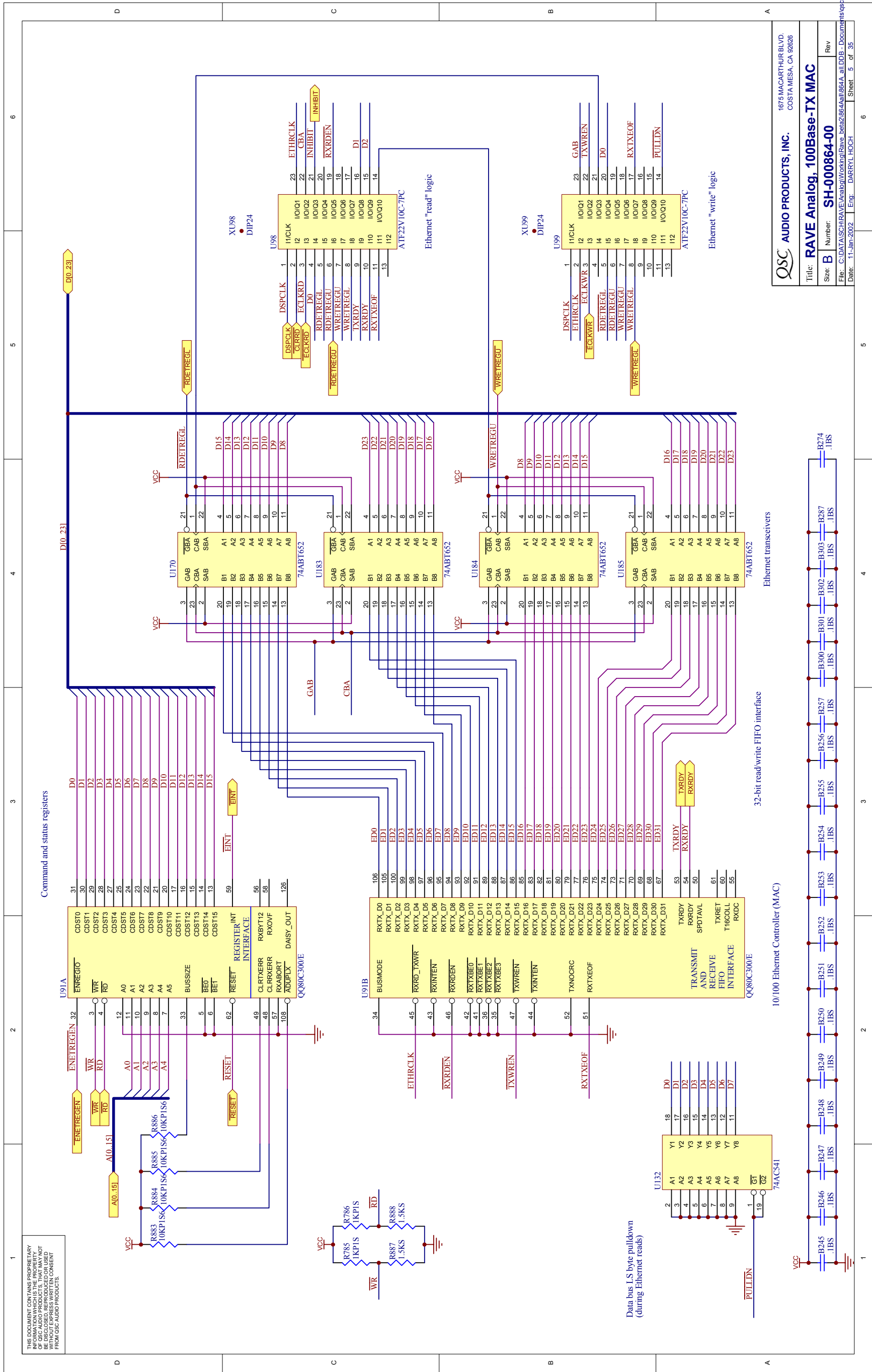
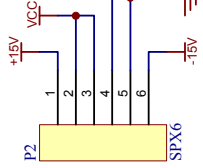
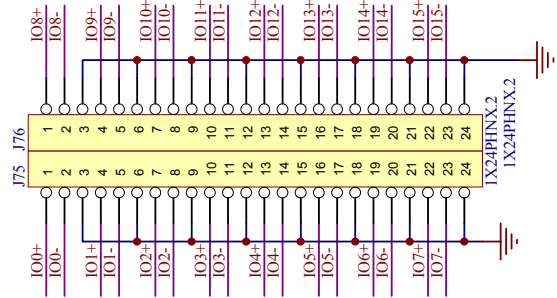


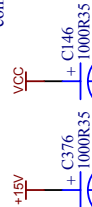


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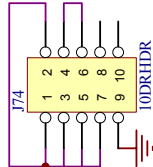
Audio Phoenix connectors and LP filters



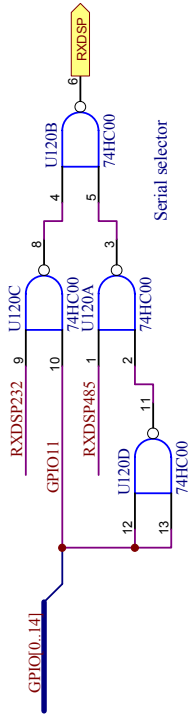
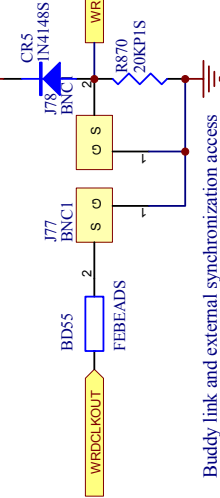
Board P/S connector and caps



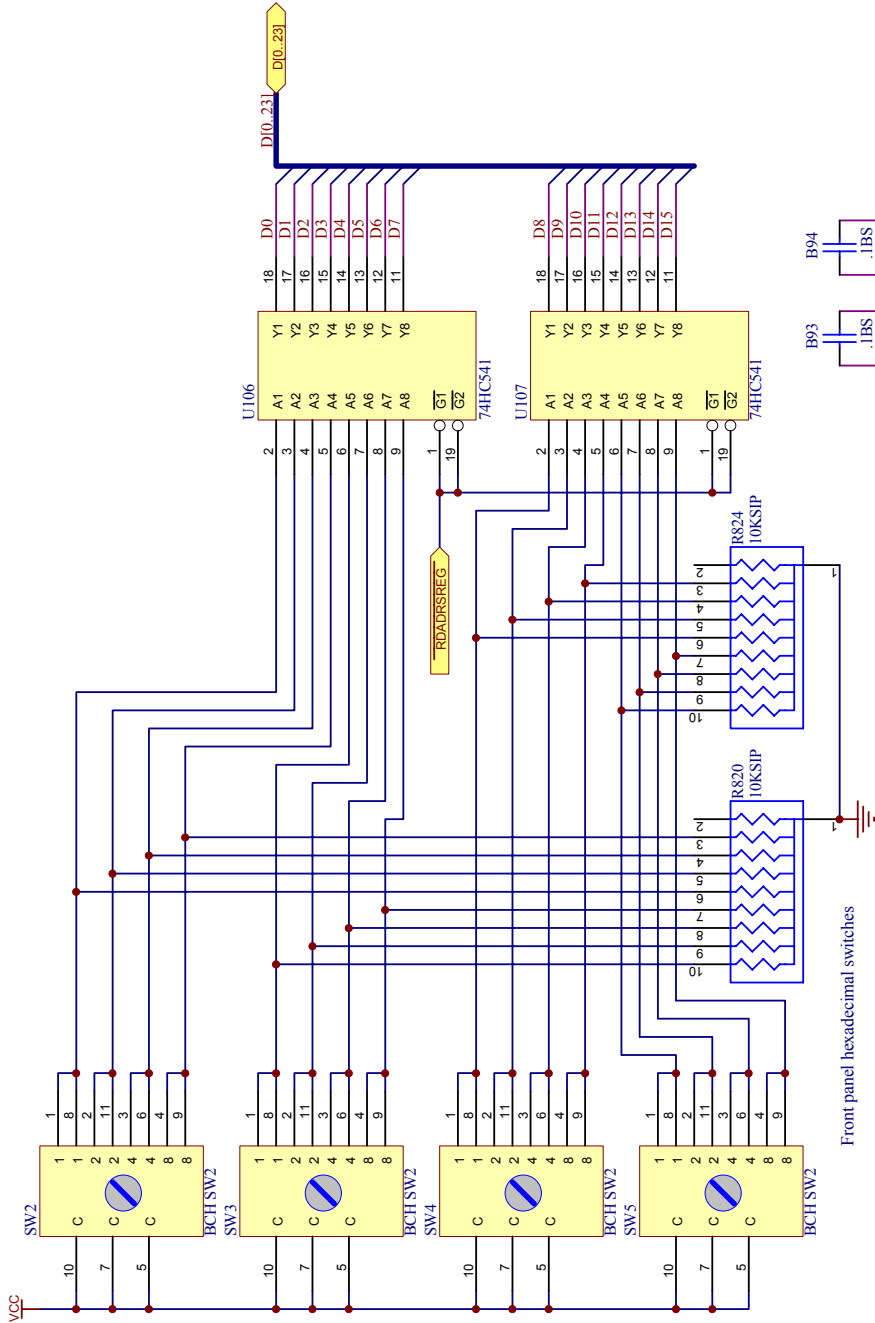
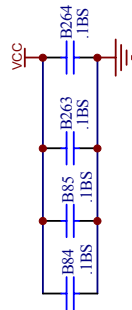
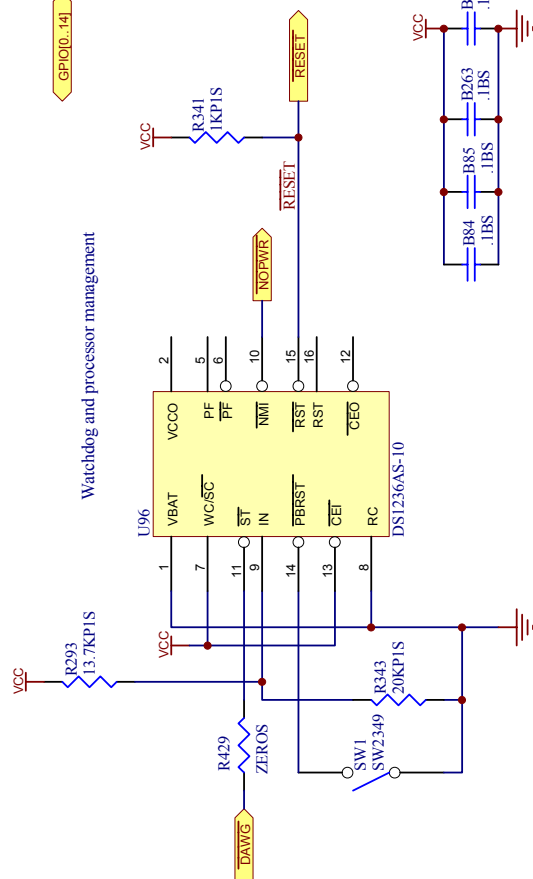
RS232 Serial bridge
(header connects to rear panel DB9)



Buddy link and external synchronization access



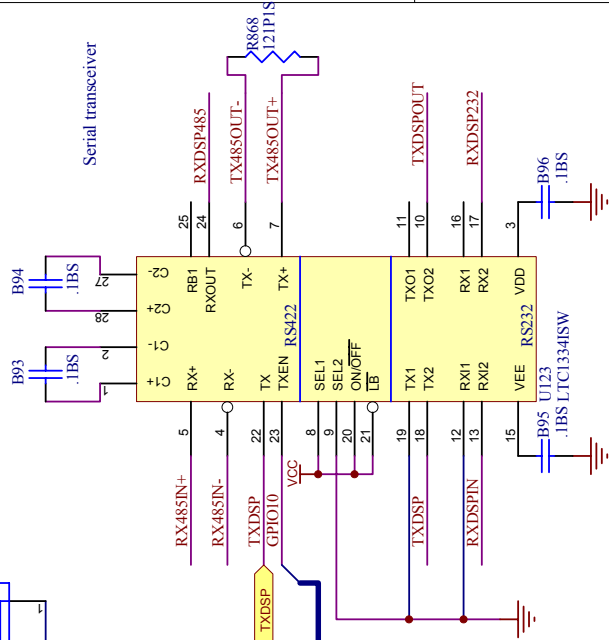
Watchdog and processor management



Front panel hexadecimal switches

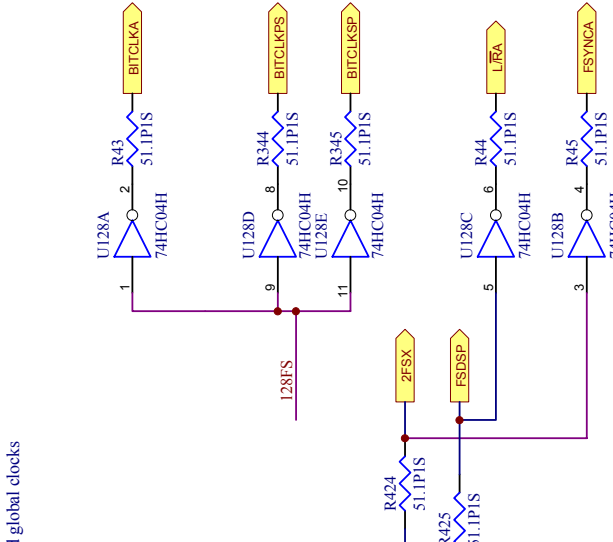
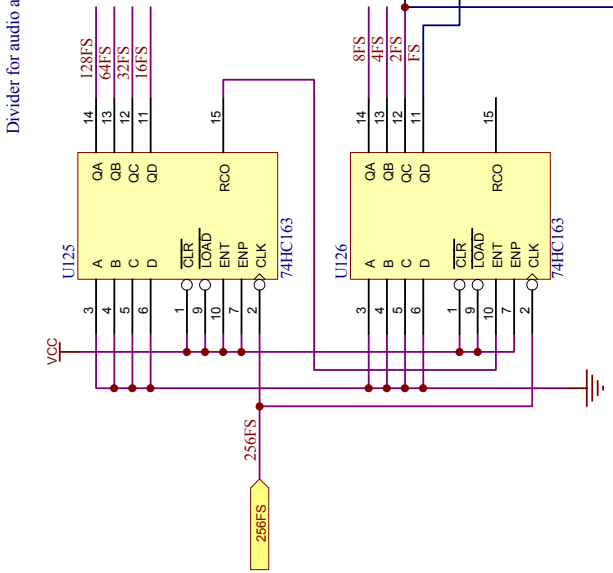
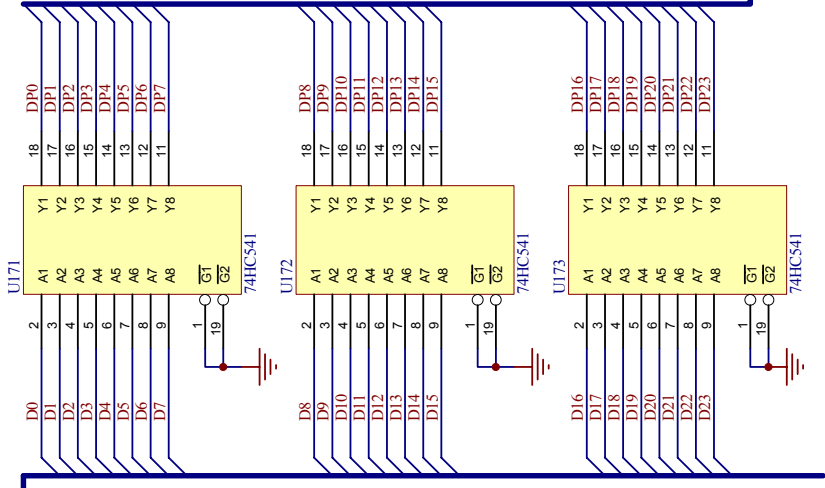
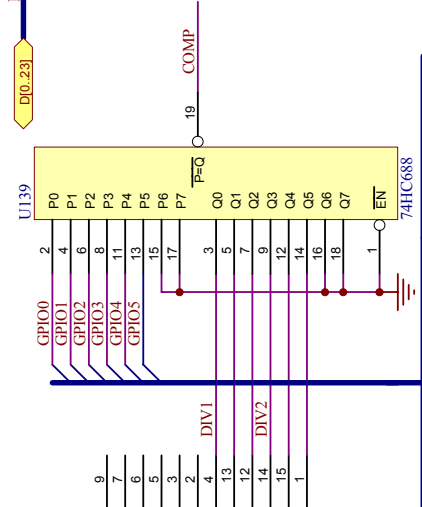
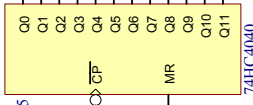


Serial transceiver



QSC AUDIO PRODUCTS, INC.		1675 MACARTHUR BLVD. COSTA MESA, CA 92626	
Title:	RAVE Analog, Connectors	Rev	A
Size:	B	Number:	SH-000864-00
File:	C:\DATA\ASCHRAVE\Analog\Work\raVe_beta2\864\all\864A_all.DDB - Documents\qsc\allCon.sch	Date:	11-Jan-2002
Eng:	DARRYL HOCH	Sheet	7 of 35

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U136= Ethernet "read", "write", control and status enable, and OP timer control

U137= "conductor" clock source, External synch, and Buddy link

XU136
DIP24

XU137
DIP24

XU121
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XU127A
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XU127B
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XU127C
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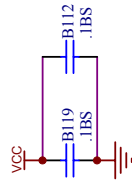
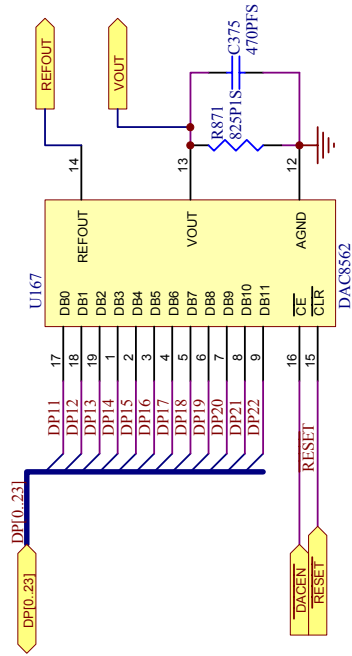
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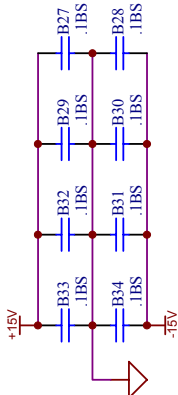
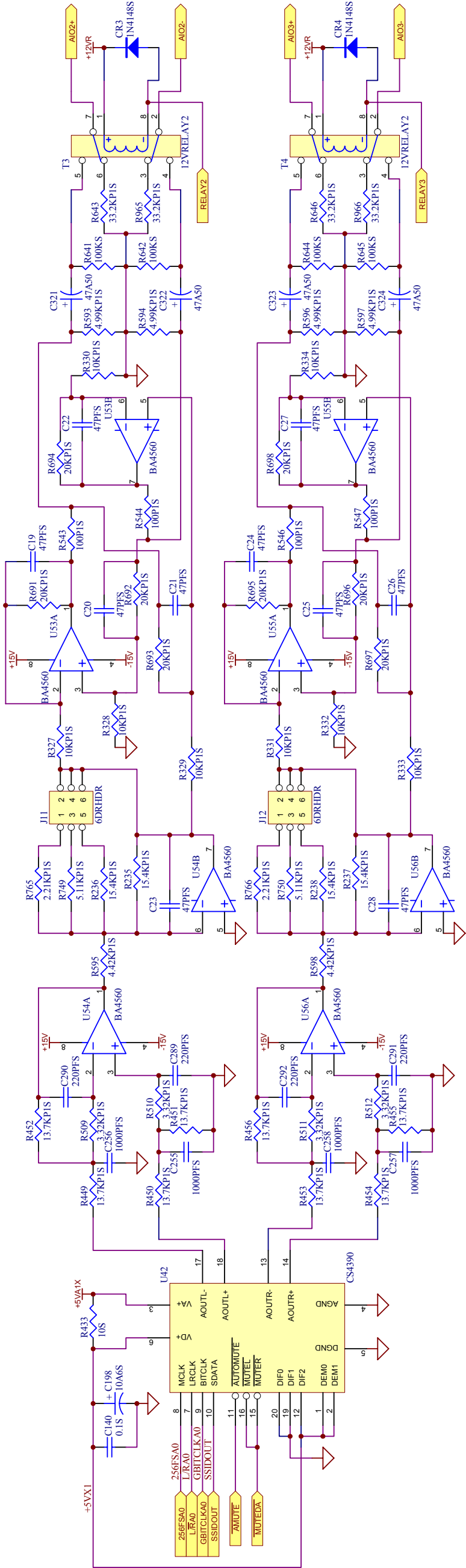
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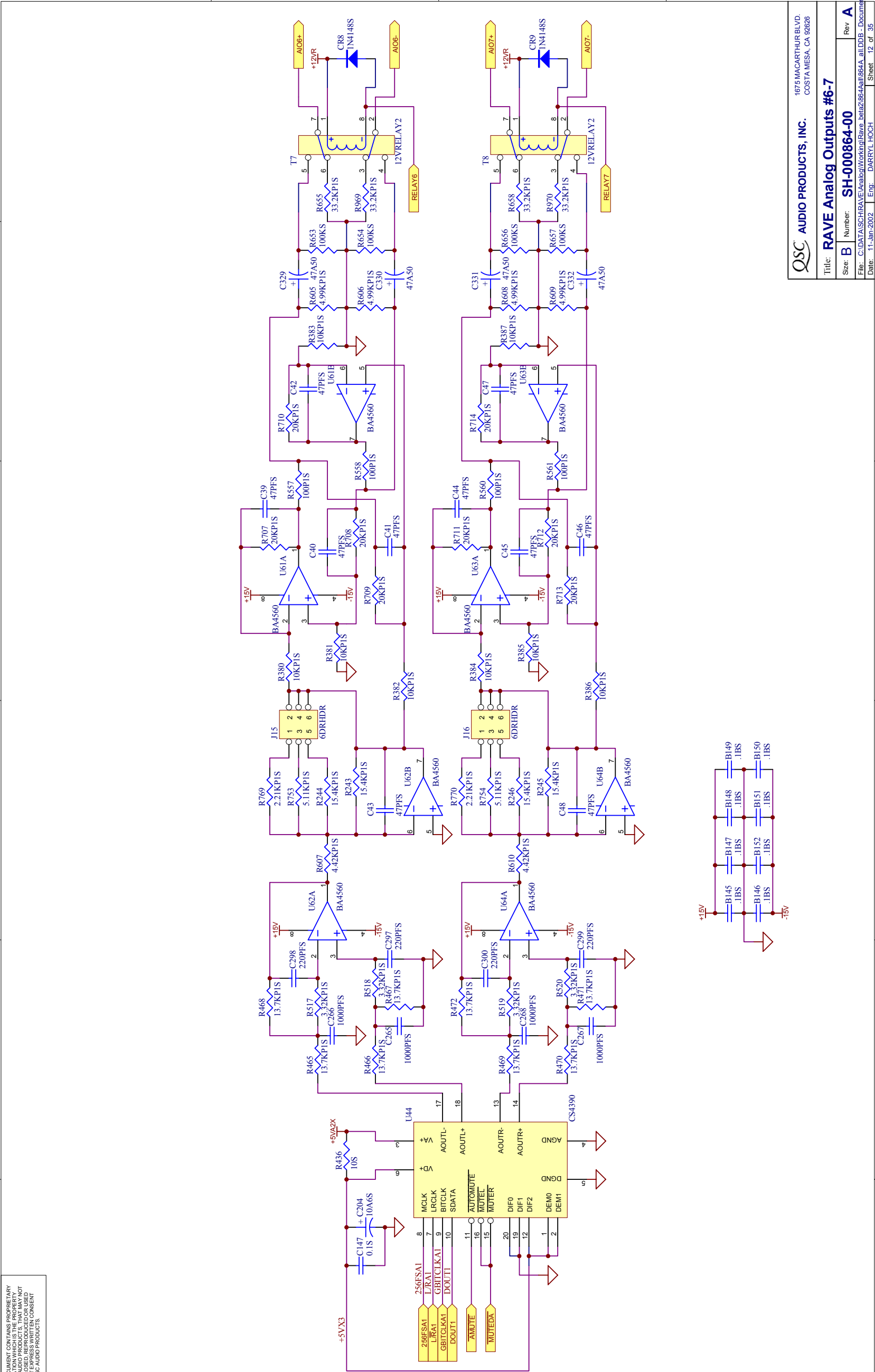


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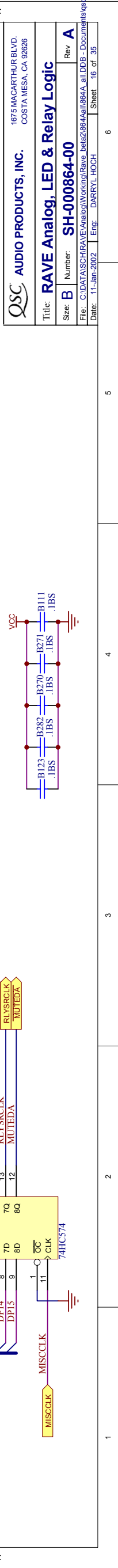
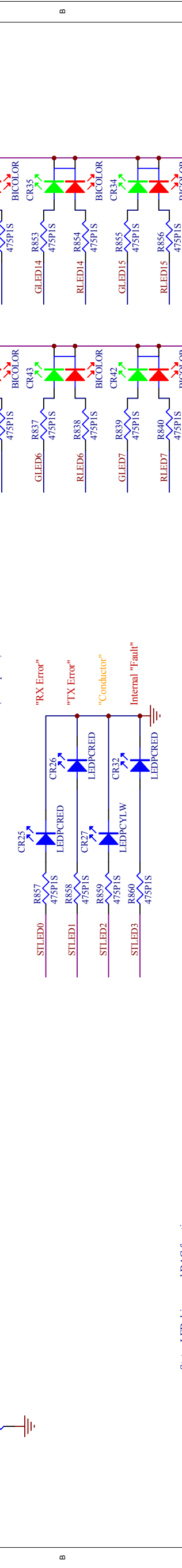
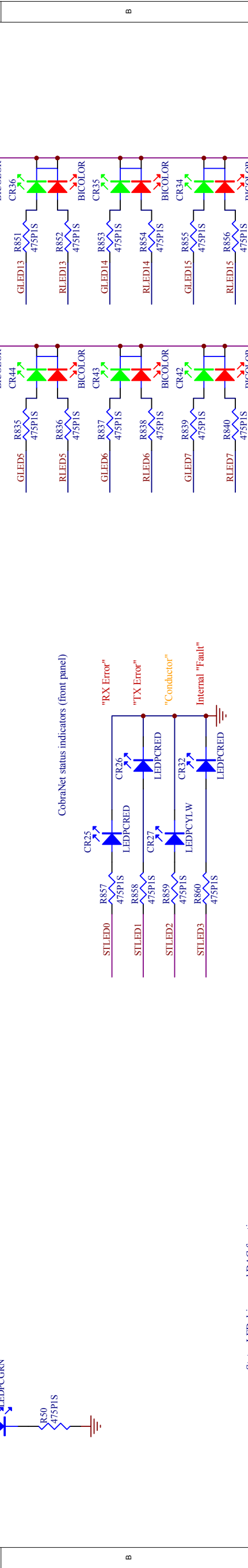
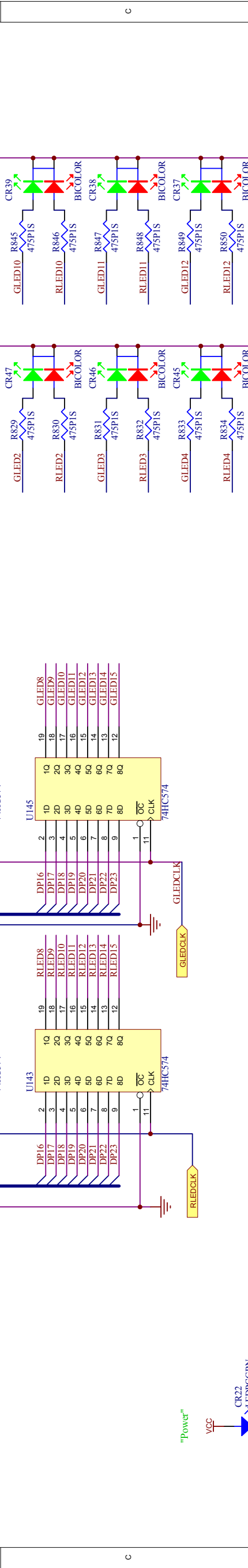
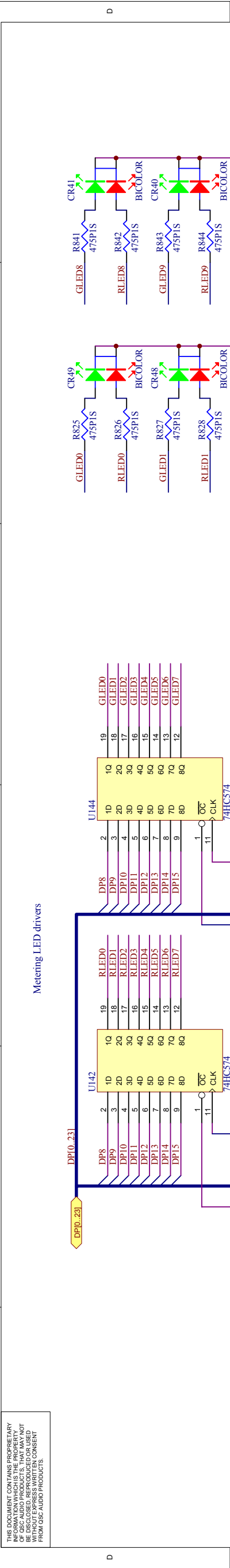


 AUDIO PRODUCTS, INC.		1675 MACARTHUR BLVD. COSTA MESA, CA 92626	
Title: RAVE Analog Outputs #2-3			
Size: B	Number: SH-000864-00	Rev A	
File: C:\DATA\SHRAVE\Analog\Working\rave_beta2\864\Aall\B64A_all.DDB - Documents\qa\Ca01.sch			
Date: 11-Jan-2002	Eng: DARRYL HOCH	Sheet 11 of 35	

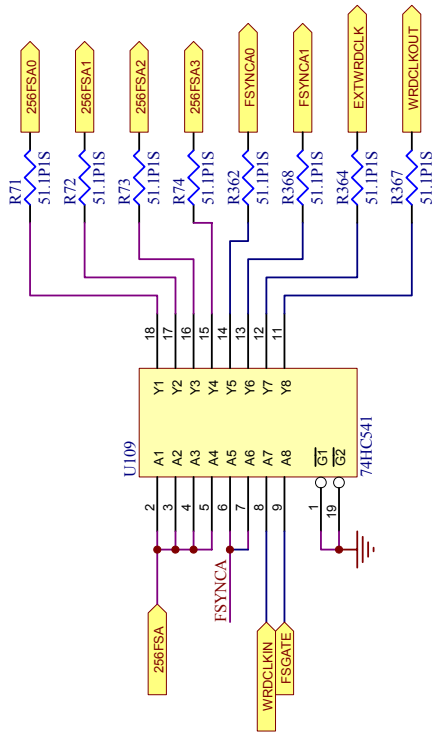
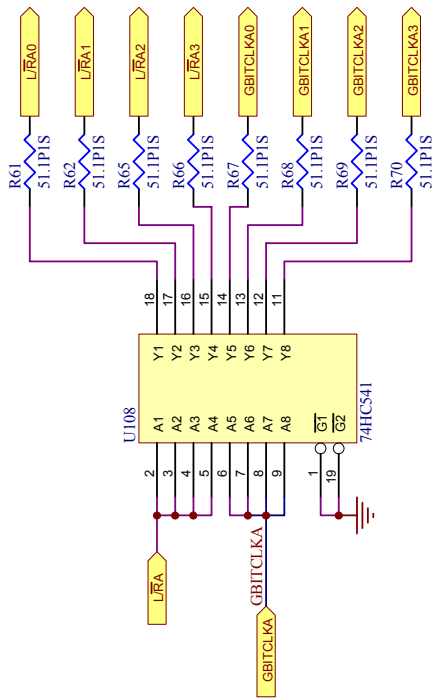
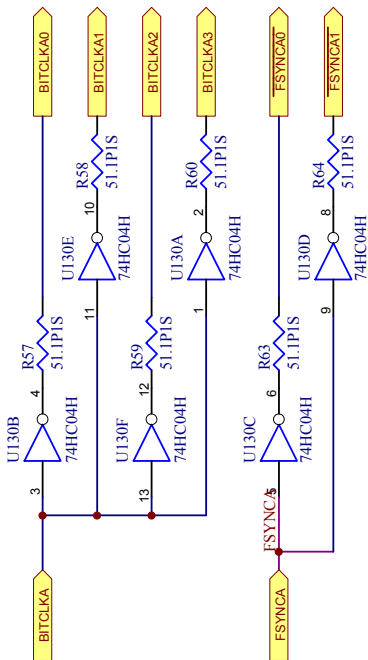
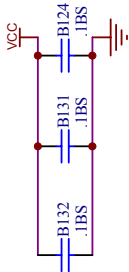
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 AUDIO PRODUCTS, INC.		1675 MACARTHUR BLVD. COSTA MESA, CA 92626	
Title: RAVE Analog Outputs #6-7			
Size: B	Number: SH-000864-00	Rev A	
File: C:\DATA\SHRAVE\Analog\Working\ra6-7\ra6-7_000864-00.dwg			
Date: 11-Jan-2002	Eng: DARRYL HOCH	Sheet: 12 of 35	



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Independent "bit clocks" for audio converters (128FS)

Inverted "frame sync" control for multiplexing two converters onto each SSI stream (2FS)

Independent "L/R" clocks for audio converters (FS)

Independent gated "bit clocks" for even numbered DACs (128fS)

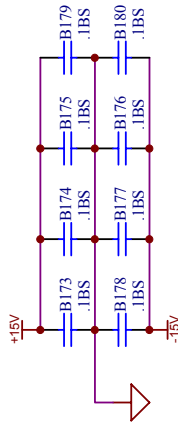
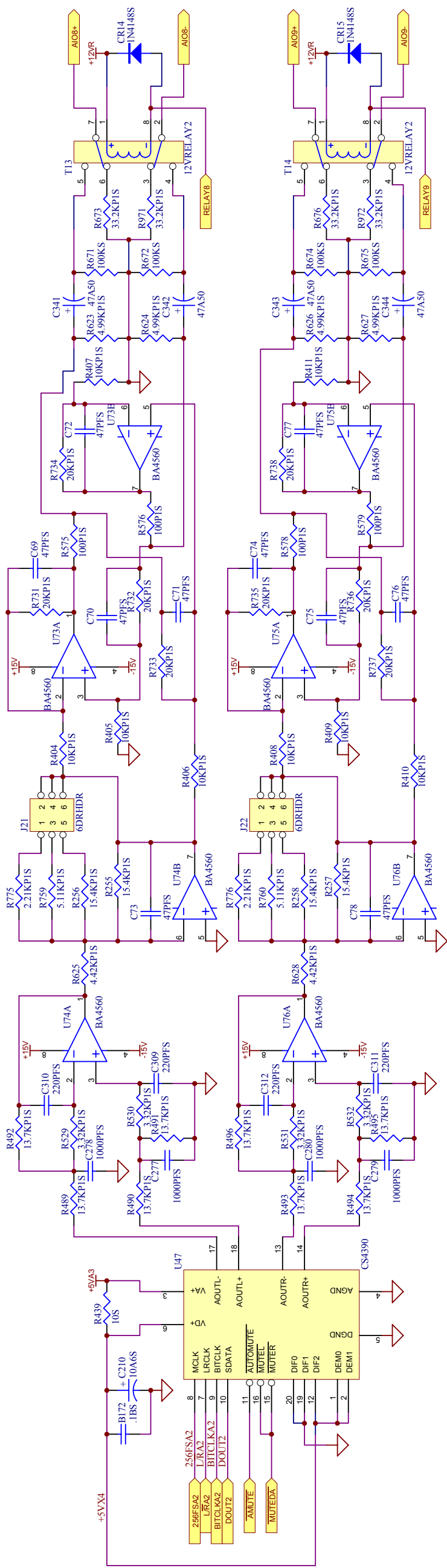
Independent "master" clocks for audio converters (256FS)

"Frame sync" control for multiplexing two converters onto each SSI stream (2FS)

External word clock from BNC input
(750 Hz to FS)

Word clock to drive BNC output (Buddy Link and synchronization driver) (FS)

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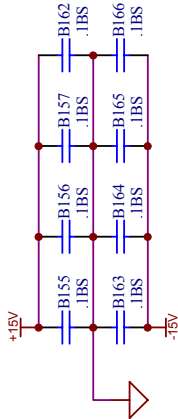
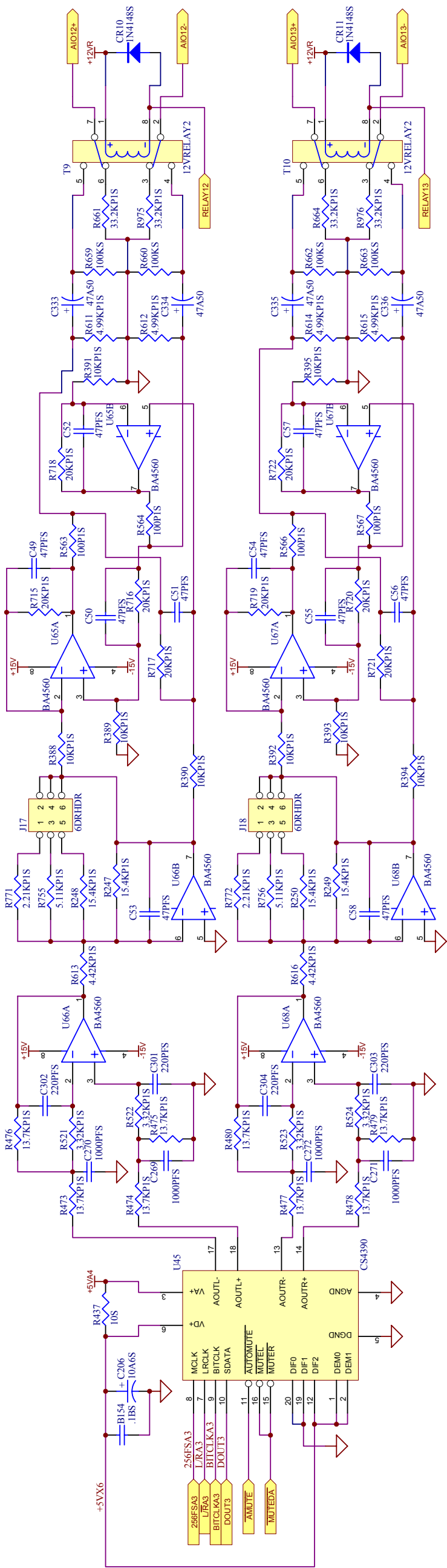
QSC
AUDIO PRODUCTS, INC.
1675 MACARTHUR BLVD.
COSTA MESA, CA 92626

Title: RAVE Analog, Outputs #8-9

Size: **B** Number: **SH-000864-00** Rev **A**

File: C:\DATA\SCH\RAVE\Analog\Working\Rave_beta2\864Aa\11864A_all.DDB - Documents\qsc\caCao4.sch

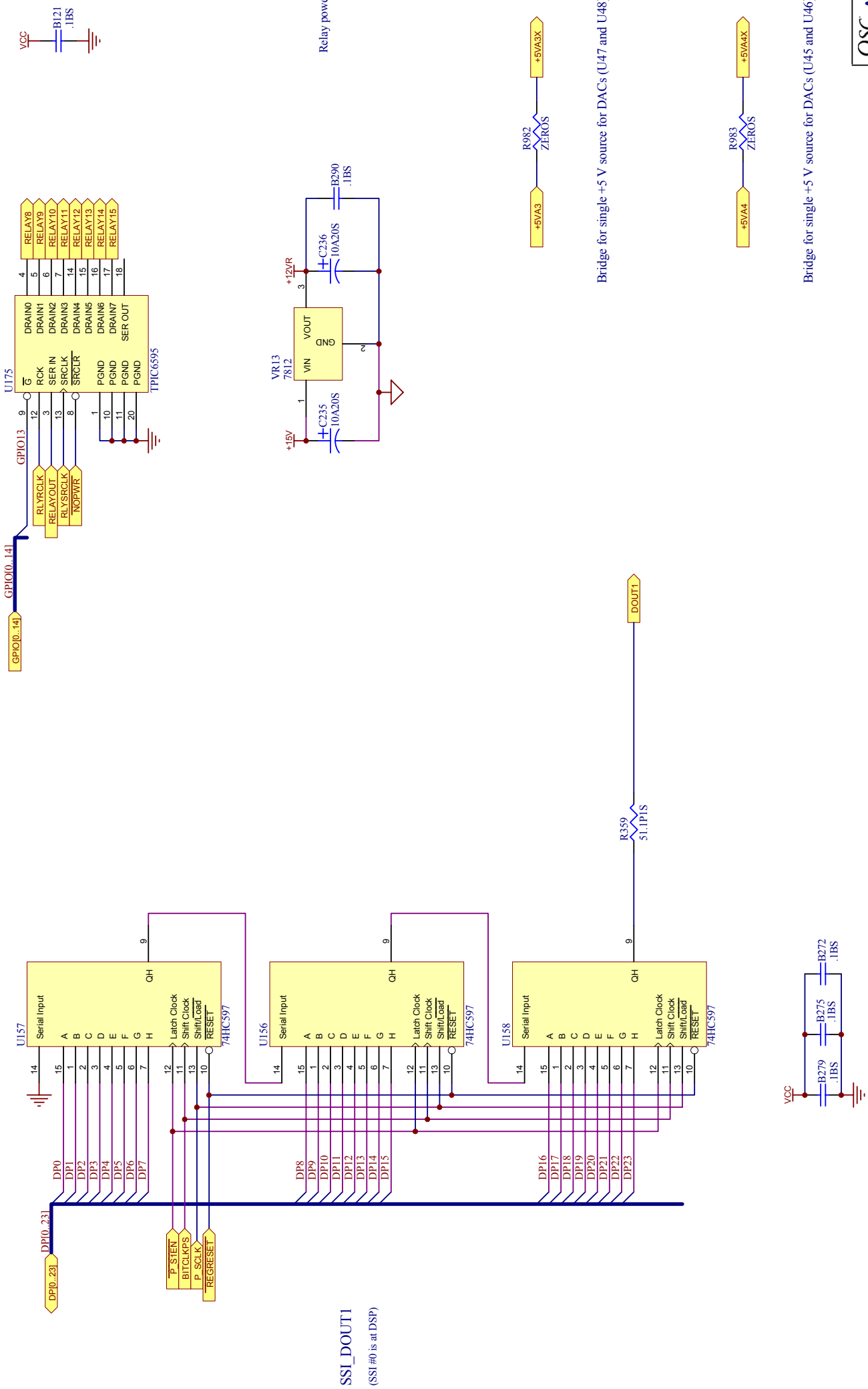
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24-bit audio from DSP to serial data in at DACs (U43 and U44)

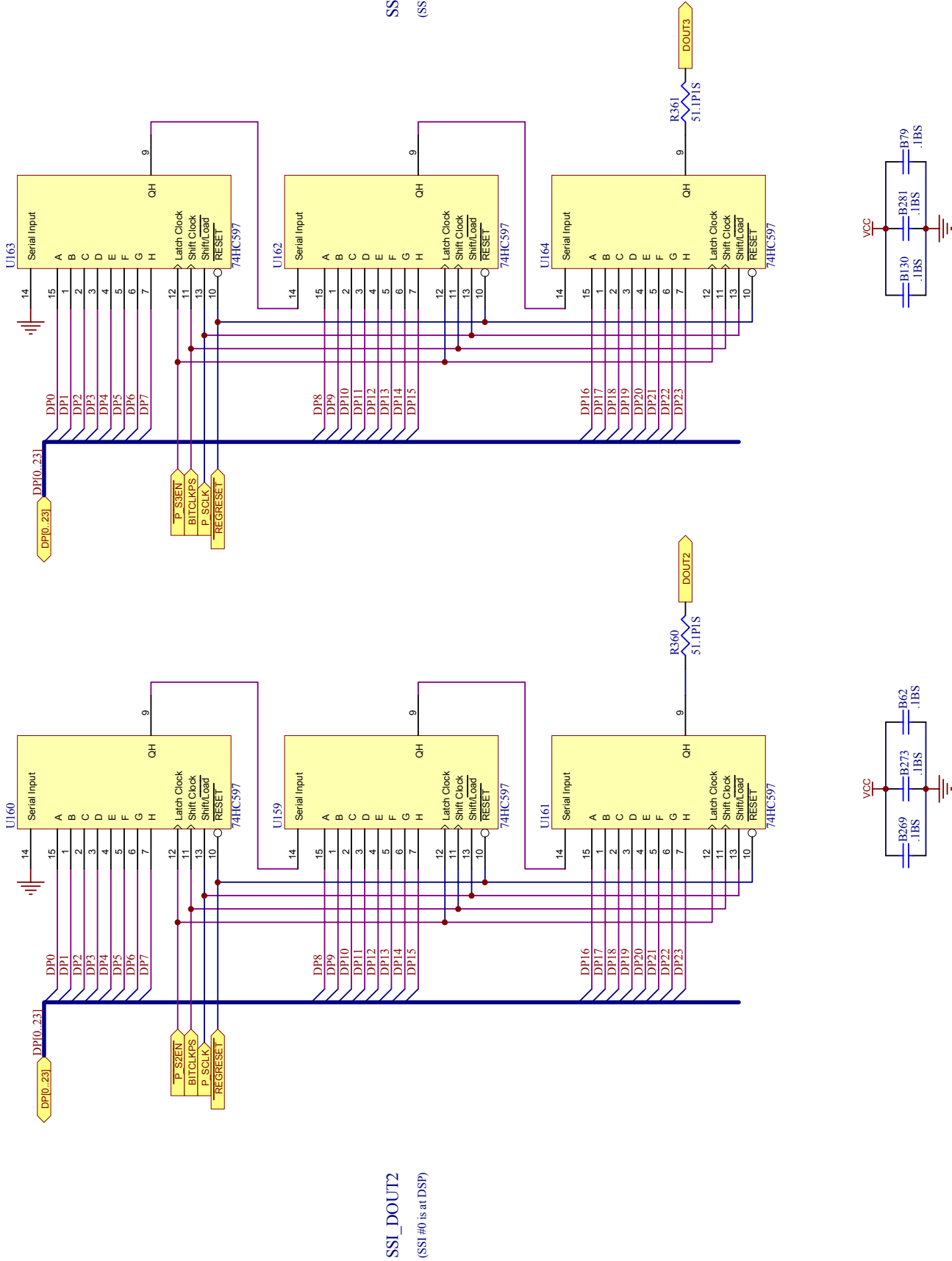
Output relay drivers (bank 2)



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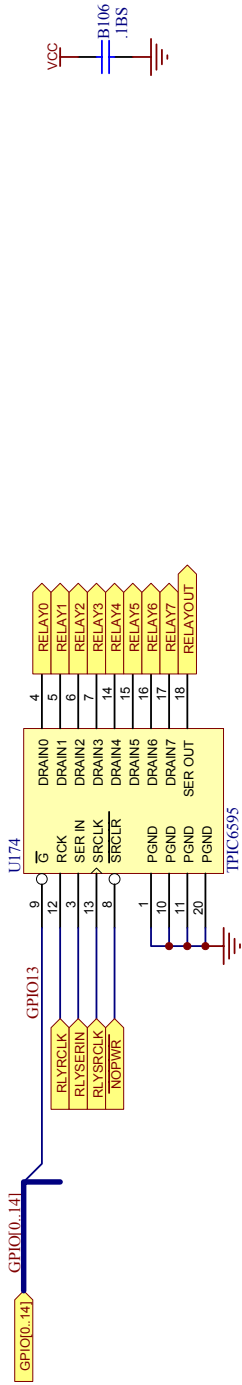
24-bit audio from DSP to serial data in at DACs (U47 and U48)

24-bit audio from DSP to serial data in at DACs (U45 and U46)



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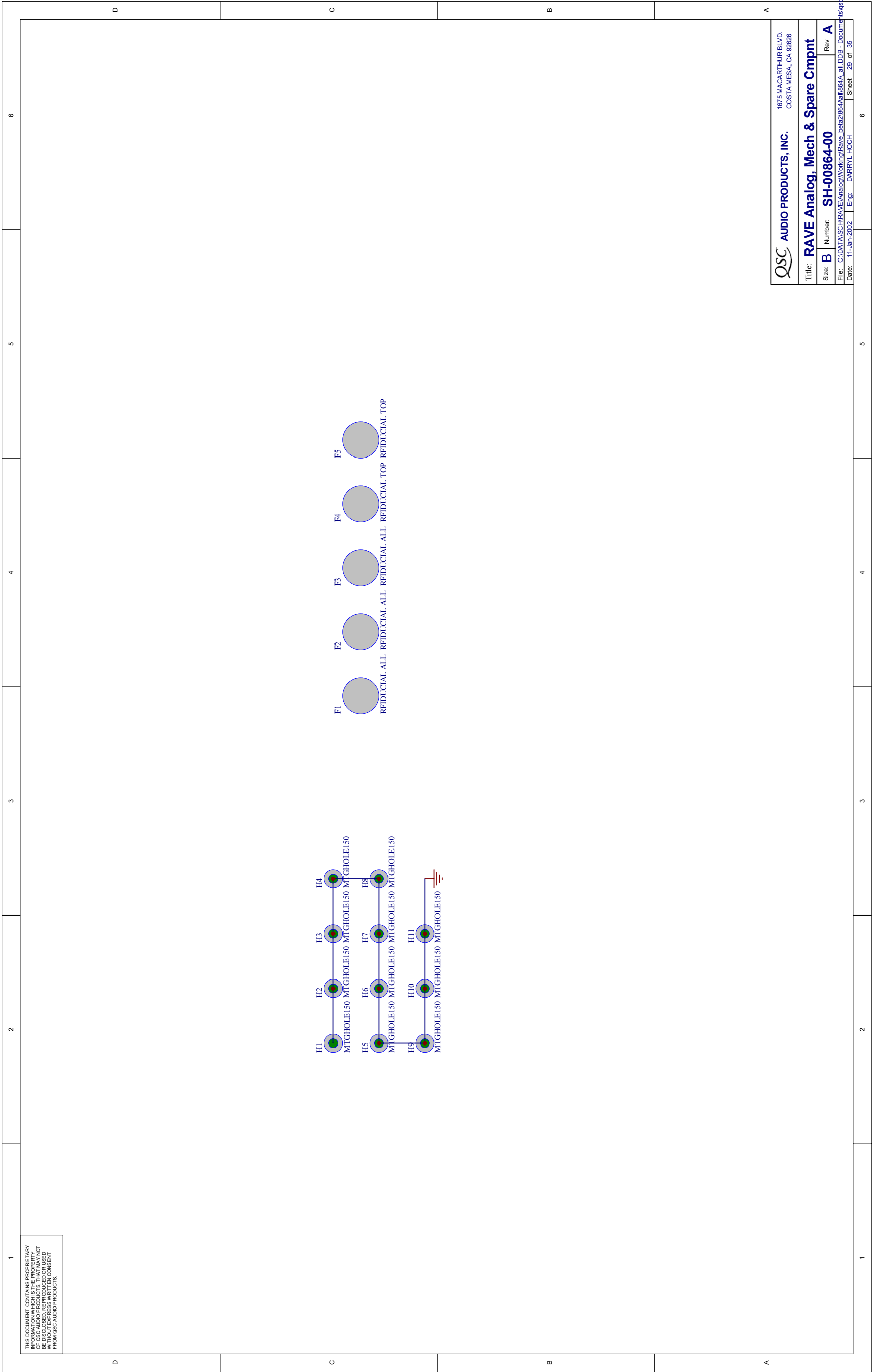
Output relay drivers (bank 1)



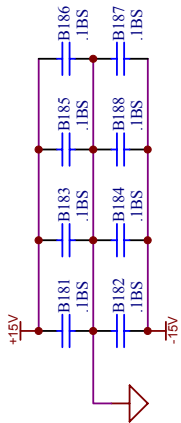
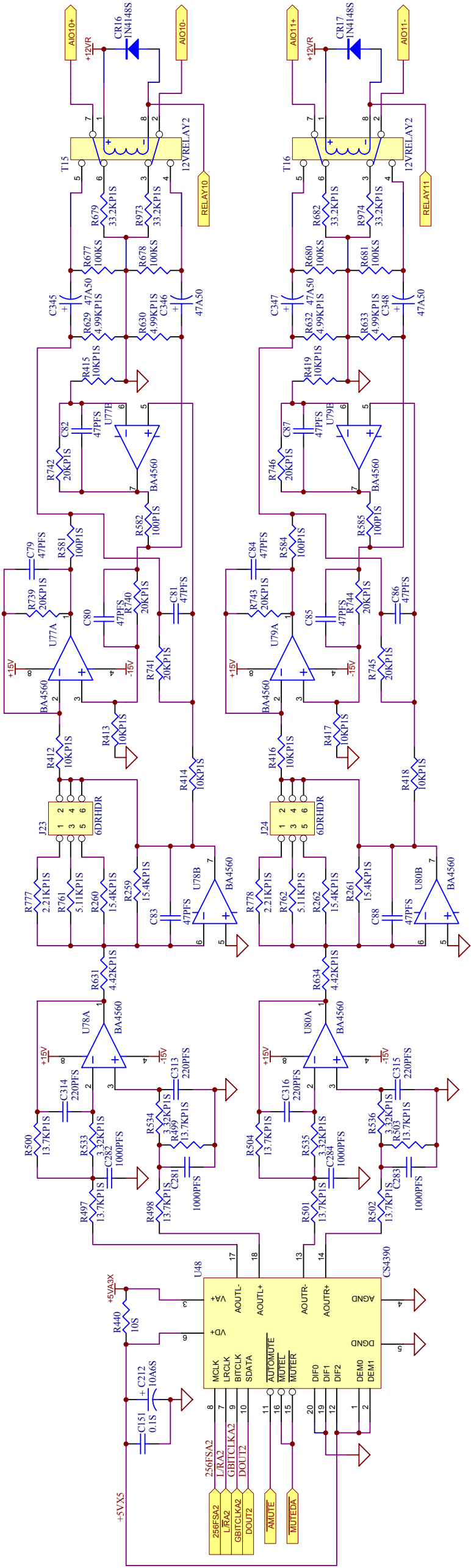
Bridge for single +5 V source for DACs (U41 and U42)



Bridge for single +5 V source for DACs (U43 and U44)

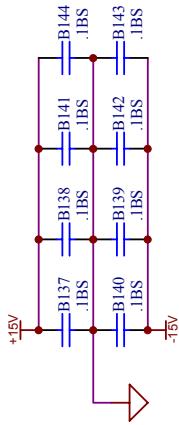
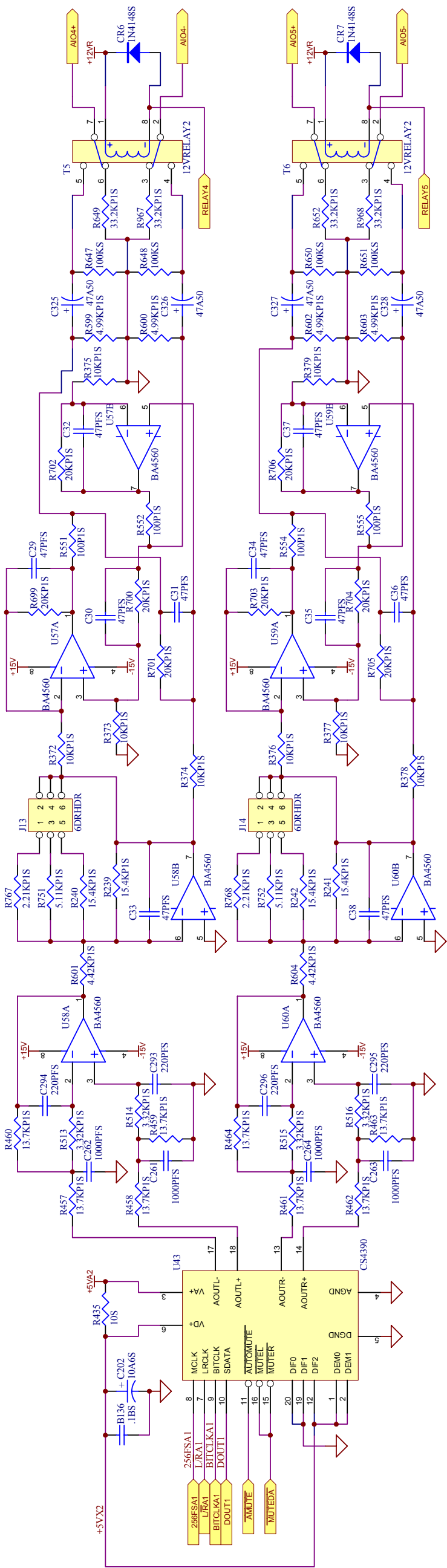


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Title: RAVE Analog Outputs #10-11			
Size: B	Number: SH-000864-00	Rev: A	
File: C:\DATA\SH\RAVE\Analog\Working\ra10b64A_all.DDB - Documents\qa\Ca5.sch			
Date: 11-Jan-2002	Eng: DARRYL HOCH	Sheet 30	of 35

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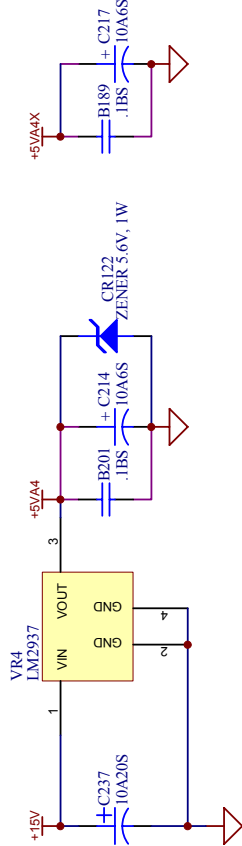
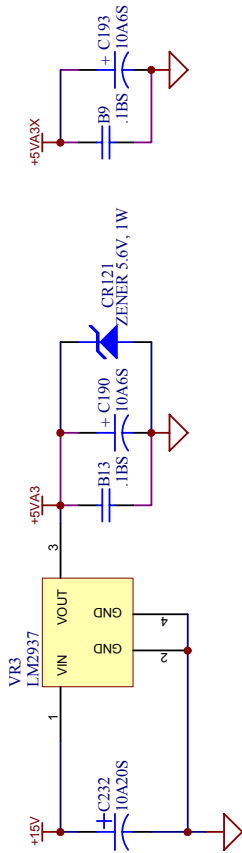
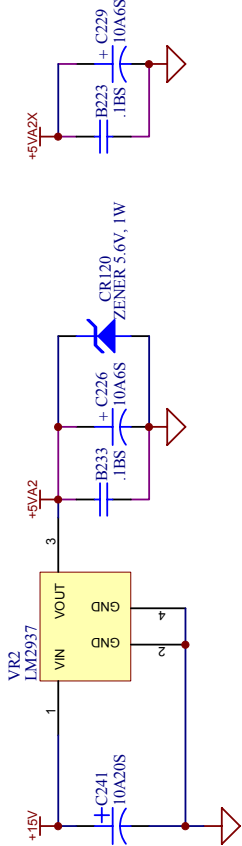
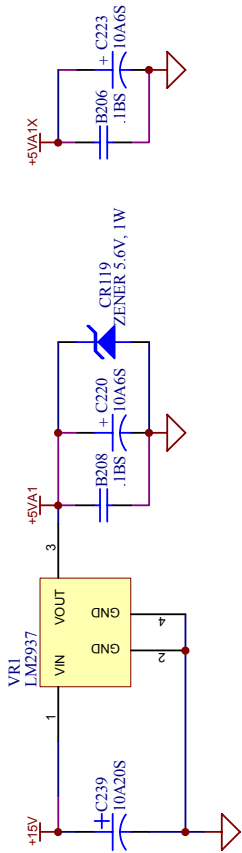
QSC
AUDIO PRODUCTS, INC.
1675 MACARTHUR BLVD.
COSTA MESA, CA 92626

Title: RAVE Analog Outputs #4-5

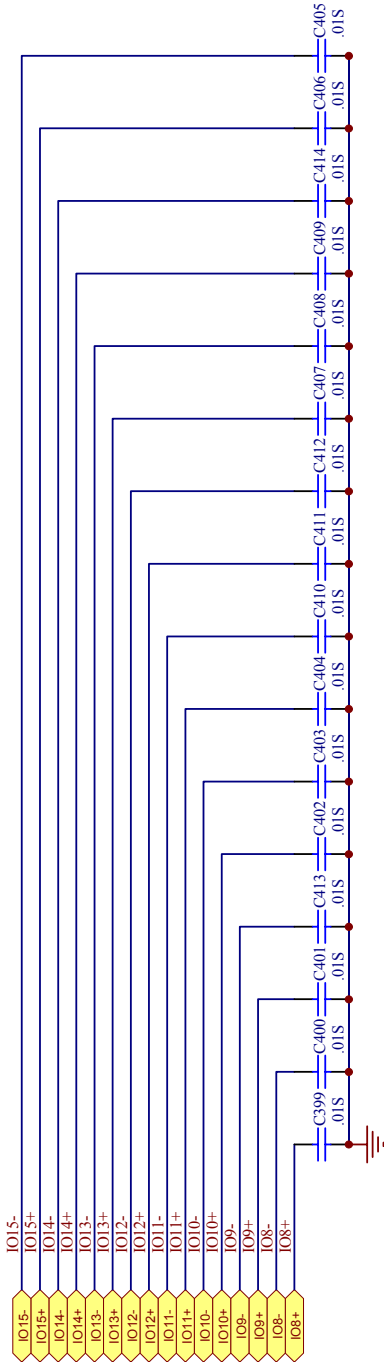
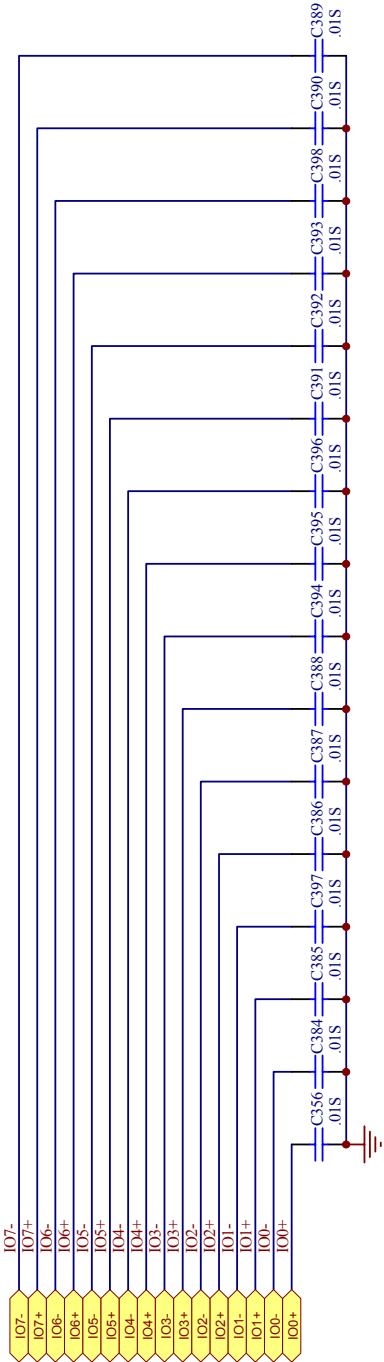
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 AUDIO PRODUCTS, INC.		1675 MACARTHUR BLVD. COSTA MESA, CA 92626	
Title: RAVE Analog, 160 output caps			
Size: B	Number: SH-000864-00	Rev A	
File: C:\DATA\SCHRAVE\Analog\Working\rave_beta2\864\All\0864A_all.DDB - Documents\qsc\atCcp0.sch			
Date: 11-Jan-2002	Eng: DARRYL HOCH	Sheet	34 of 35

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