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1

2

3

4

5

6

RAVE/RAPID RAVE ANALOG COMBINED

Analog Inputs 0-1
qscatBa0.sch

SHT 14

Analog Inputs 2-3
qscatBa1.sch

SHT 15

Analog Inputs 4-5
qscatBa2.sch

SHT 2

Analog Inputs 6-7
qscatBa3.sch

SHT 13

Analog Inputs 8-9
qscatBa4.sch

SHT 21

Analog Inputs 10-11
qscatBa5.sch

SHT 22

Analog Inputs 12-13
qscatBa6.sch

SHT 19

Analog Inputs 14-15
qscatBa7.sch

SHT 20

Output capacitors
qscatBep0.sch

SHT 34

Output capacitors
qscatBep1.sch

SHT 34

Output capacitors
qscatBep8.sch

SHT 34

Analog Outputs 0-1
qscatBa0.sch

SHT 3

Analog Outputs 2-3
qscatBa1.sch

SHT 11

Analog Outputs 4-5
qscatBa2.sch

SHT 31

Analog Outputs 6-7
qscatBa3.sch

SHT 12

Analog Outputs 8-9
qscatBa4.sch

SHT 23

Analog Outputs 10-11
qscatBa5.sch

SHT 30

Analog Outputs 12-13
qscatBa6.sch

SHT 25

Analog Outputs 14-15
qscatBa7.sch

SHT 24

Phase Locked Loop Circuit
qscatBpl2.sch

SHT 36

Phase Locked Loop Circuit
qscatBpl1.sch

SHT 35

Connectors
qscatBcom.sch

SHT 7

Analog Voltage Regulator -A
qscatBvr2.sch

SHT 32

Mechanical parts - non BOM
qscatBmec.sch

SHT 28

Relay Control IC #0
qscatBrcd.sch

SHT 27

Output P/S #2 and #3
qscatBmo2.sch

SHT 26

Output P/S #1 & Relay VR
qscatBmo1.sch

SHT 9

Input Mux #2 and #3
qscatBmi2.sch

SHT 18

Input Multiplexer #0
qscatBmux.sch

SHT 18

Digital Processing Unit
qscatBdpu.sch

SHT 6

100BASE-TX MAC Layer
qscatBmac.sch

SHT 5

100BASE-TX PHY Layer
qscatBphys.sch

SHT 4

Clock and Logic
qscatBelk.sch

SHT 8

Analog I/O Signal Drivers
qscatBalg.sch

SHT 17

LED and Relay Control Logic
qscatBled.sch

SHT 16

Analog Voltage -Regulators
qscatBvvp.sch

SHT 33

VCXO Control DAC
qscatBdac.sch

SHT 10

RAVE/RAPID RAVE 160

USE THE FOLLOWING SHEETS

SHT 3

SHT 4

SHT 5

SHT 6

SHT 7

SHT 8

SHT 10

SHT 11

SHT 12

SHT 16

SHT 17

SHT 23

SHT 24

SHT 25

SHT 26

SHT 27

SHT 28

SHT 30

SHT 31

SHT 33

SHT 34
qscatBep0.sch

SHT 35

RAVE/RAPID RAVE 161

USE THE FOLLOWING SHEETS

SHT 2

SHT 4

SHT 5

SHT 6

SHT 7

SHT 8

SHT 9

SHT 10

SHT 13

SHT 14

SHT 15

SHT 16

SHT 17

SHT 18

SHT 19

SHT 20

SHT 21

SHT 22

SHT 32

SHT 33

SHT 34
qscatAcp1.sch

SHT 35
qscatApil.sch

RAVE/RAPID RAVE 188

USE THE FOLLOWING SHEETS

SHT 2

SHT 4

SHT 5

SHT 6

SHT 7

SHT 8

SHT 10

SHT 13

SHT 14

SHT 15

SHT 16

SHT 17

SHT 18

SHT 23

SHT 24

SHT 25

SHT 26

SHT 30

SHT 32

SHT 33

SHT 34
qscatBcp8.sch

SHT 35
qscatBpl1.sch

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

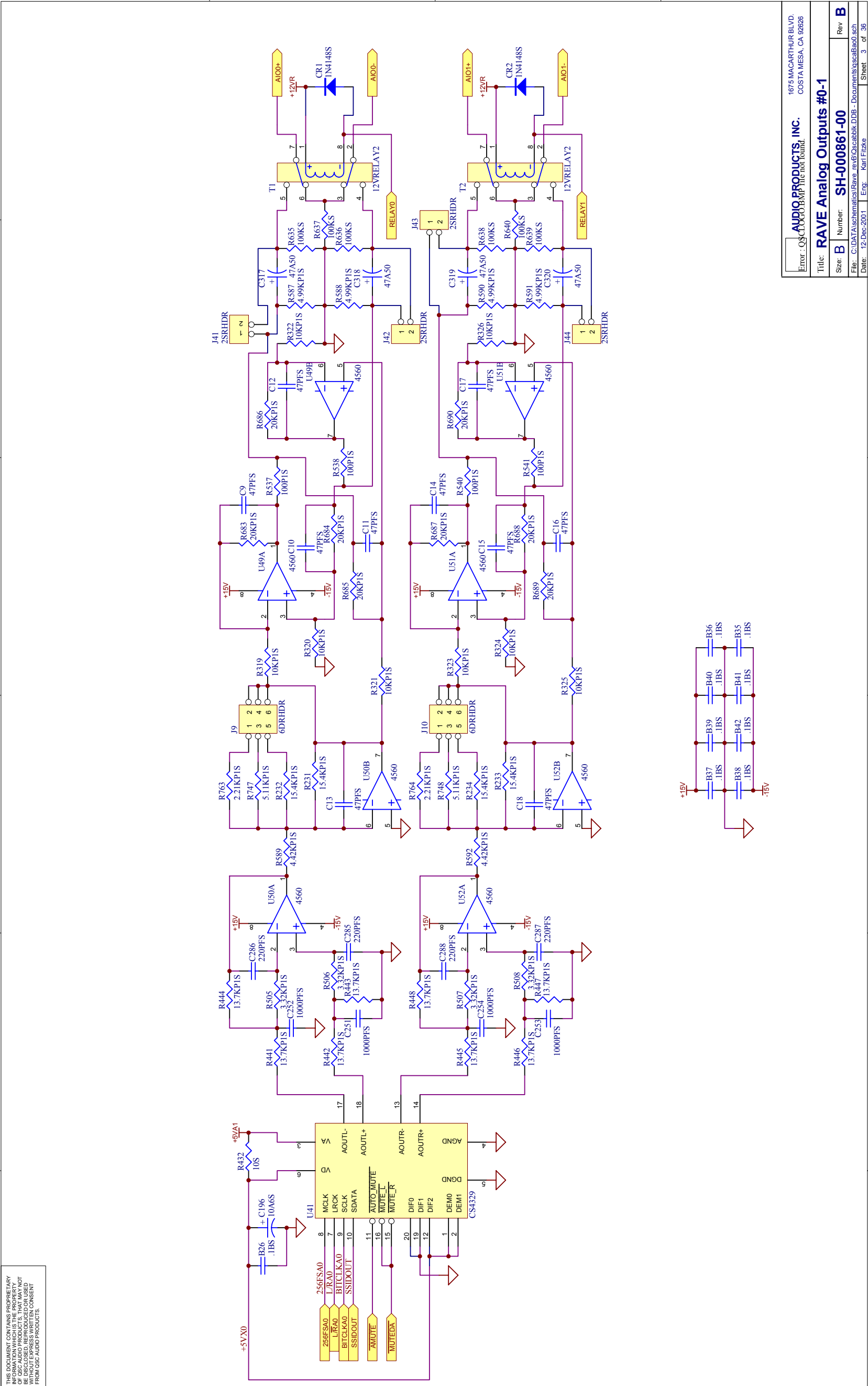
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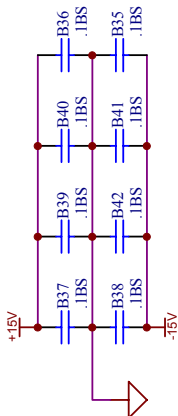
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Date: 12-Dec-2001 Eng: Karl Fitzke Sheet 1 of 36

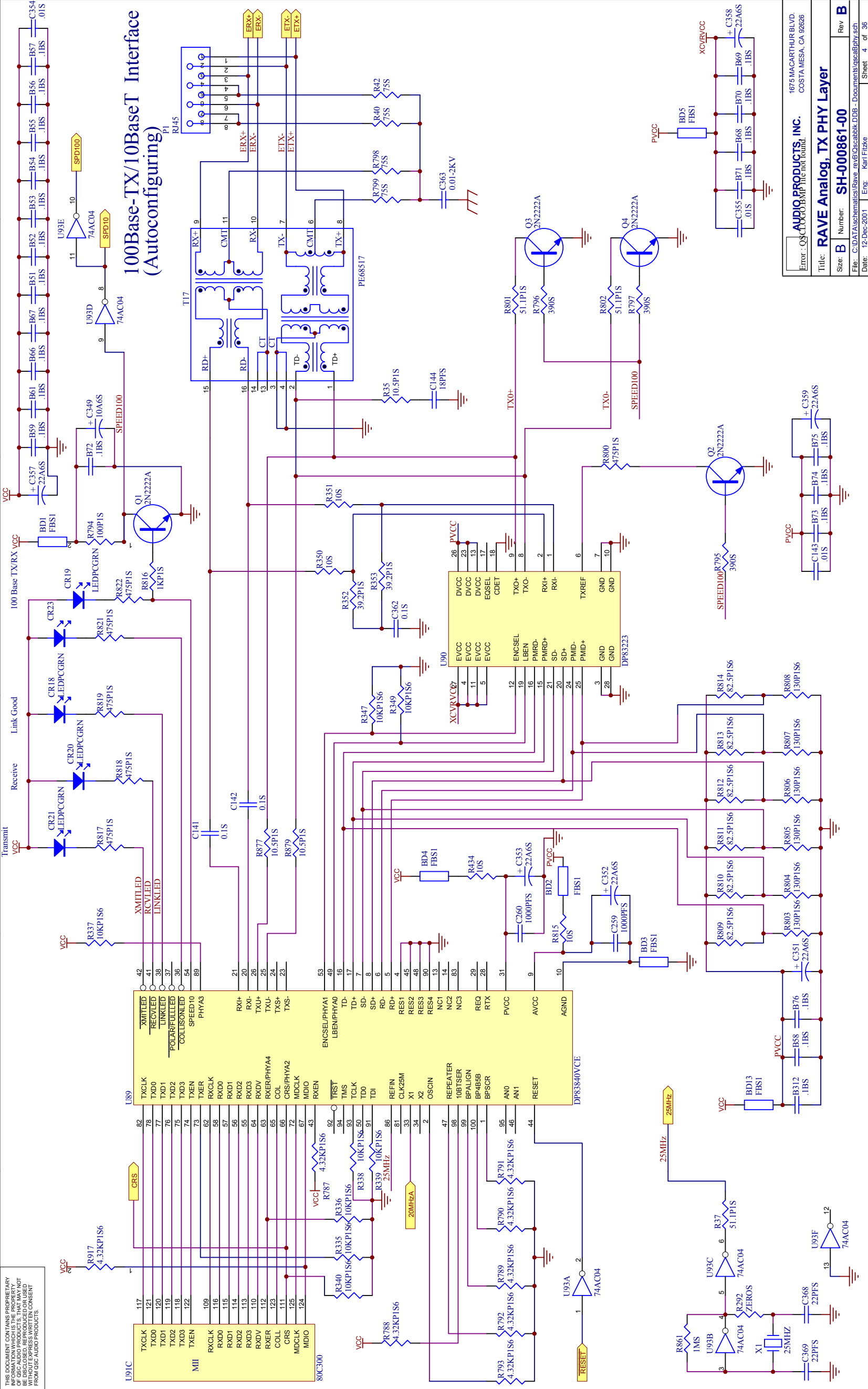
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Date: 12-Dec-2001	Eng: Karl Fitzke
Sheet 3 of 35	



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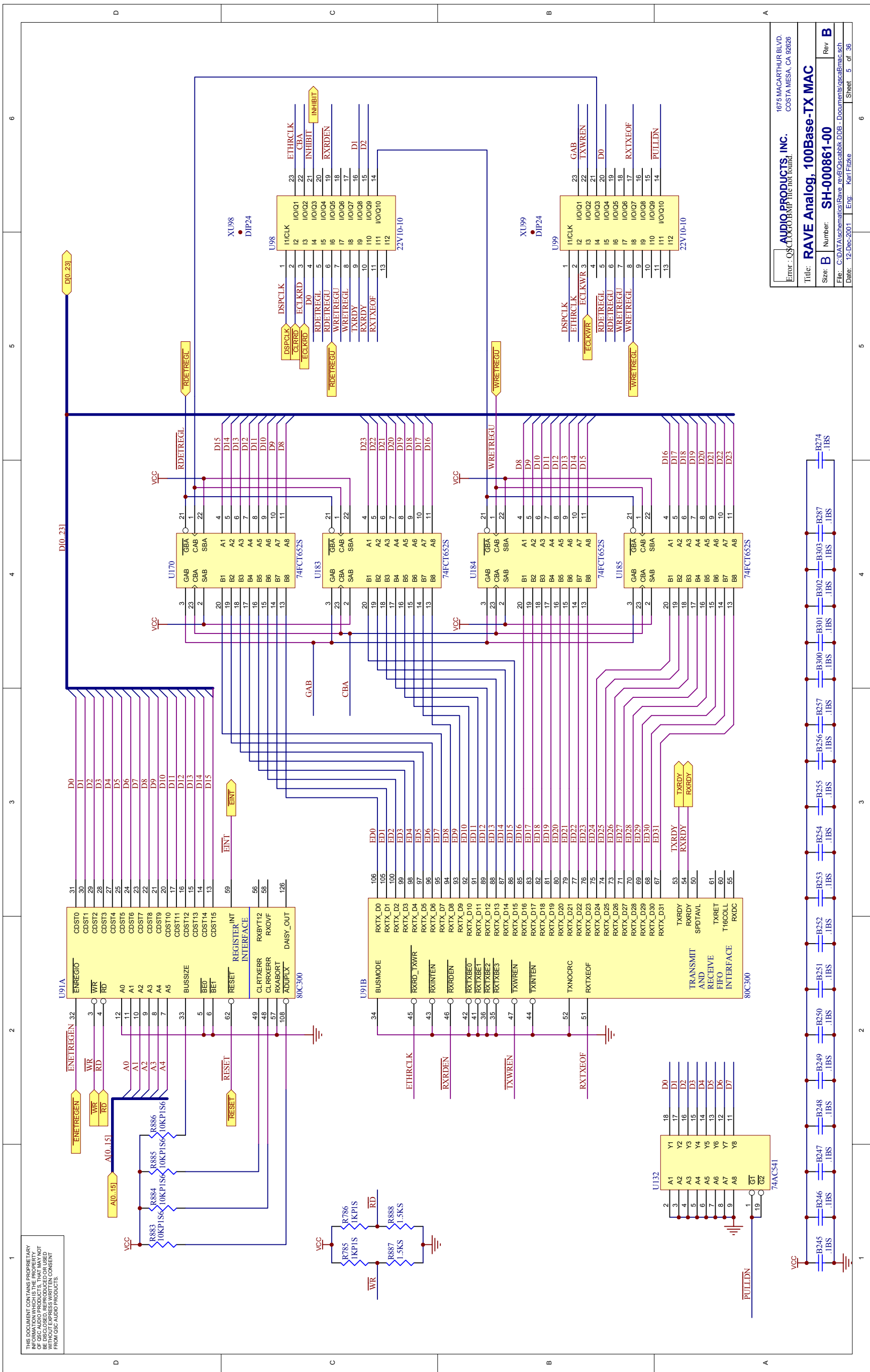
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Date: 12-Dec-2001	Eng: Karl Fitzke
Sheet 4 of 35	

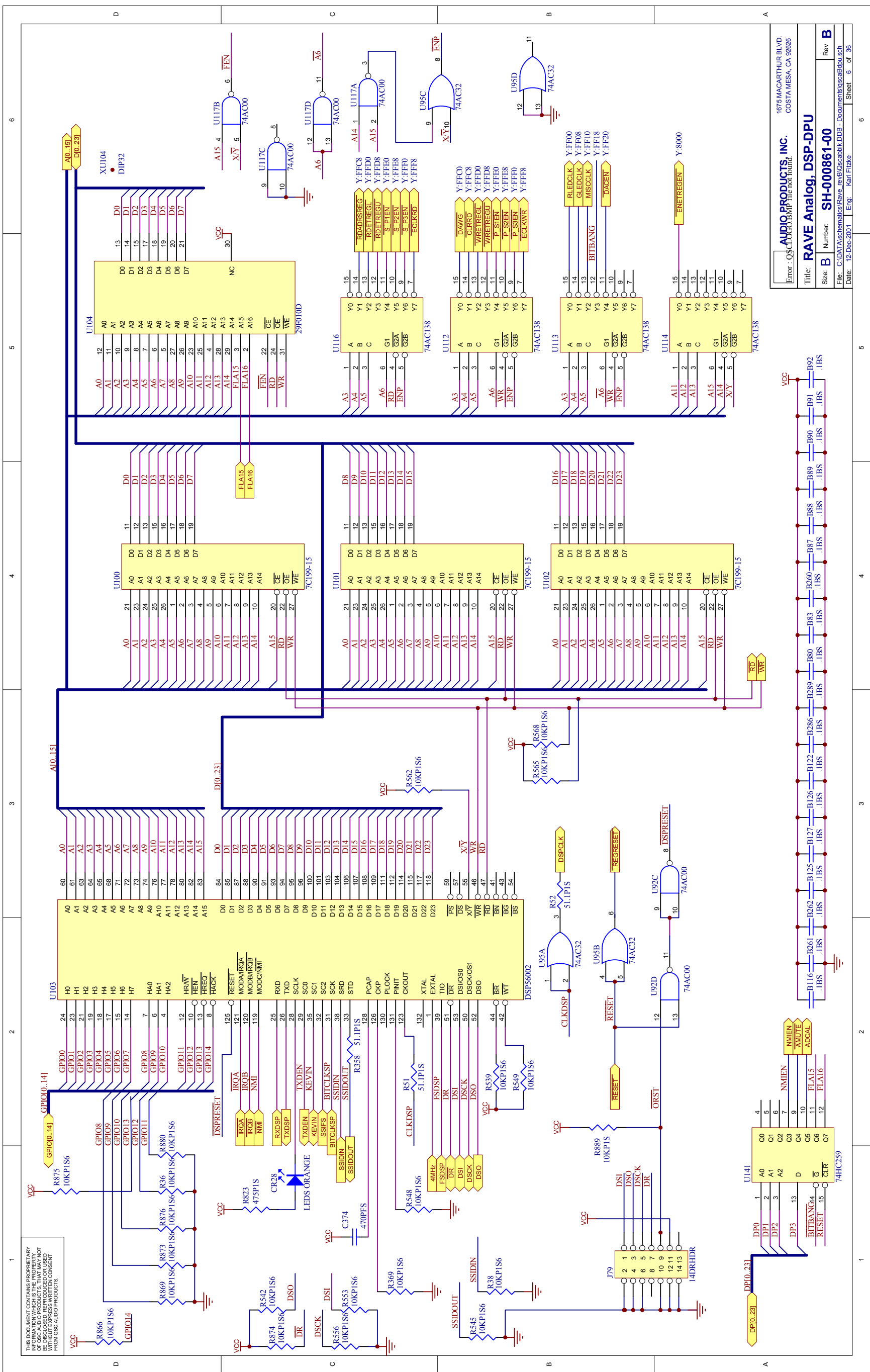
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Sheet 4 of 35	

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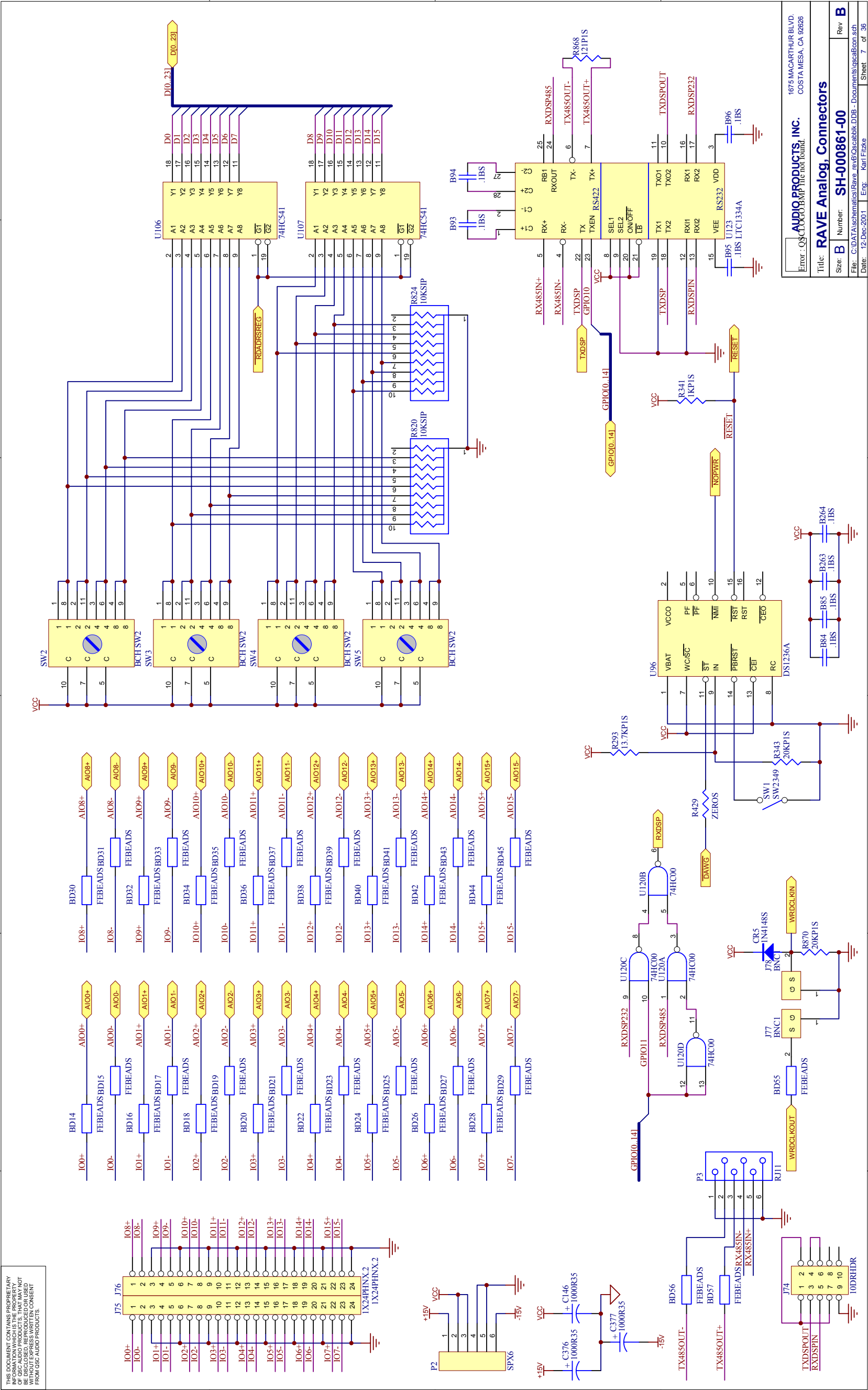
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Date: 12-Dec-2001	Eng: Karl Fitzke
Sheet 4 of 35	

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Date: 12-Dec-2001	Eng: Karl Fitzke
Sheet 4 of 35	





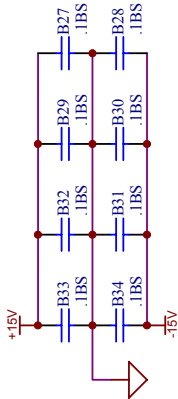
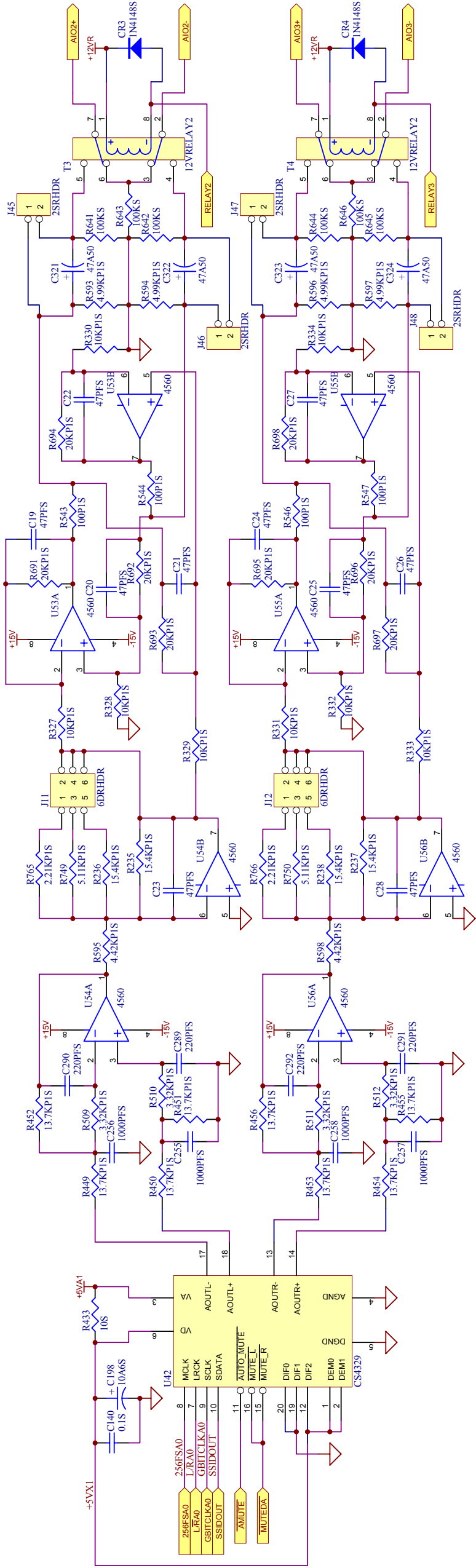
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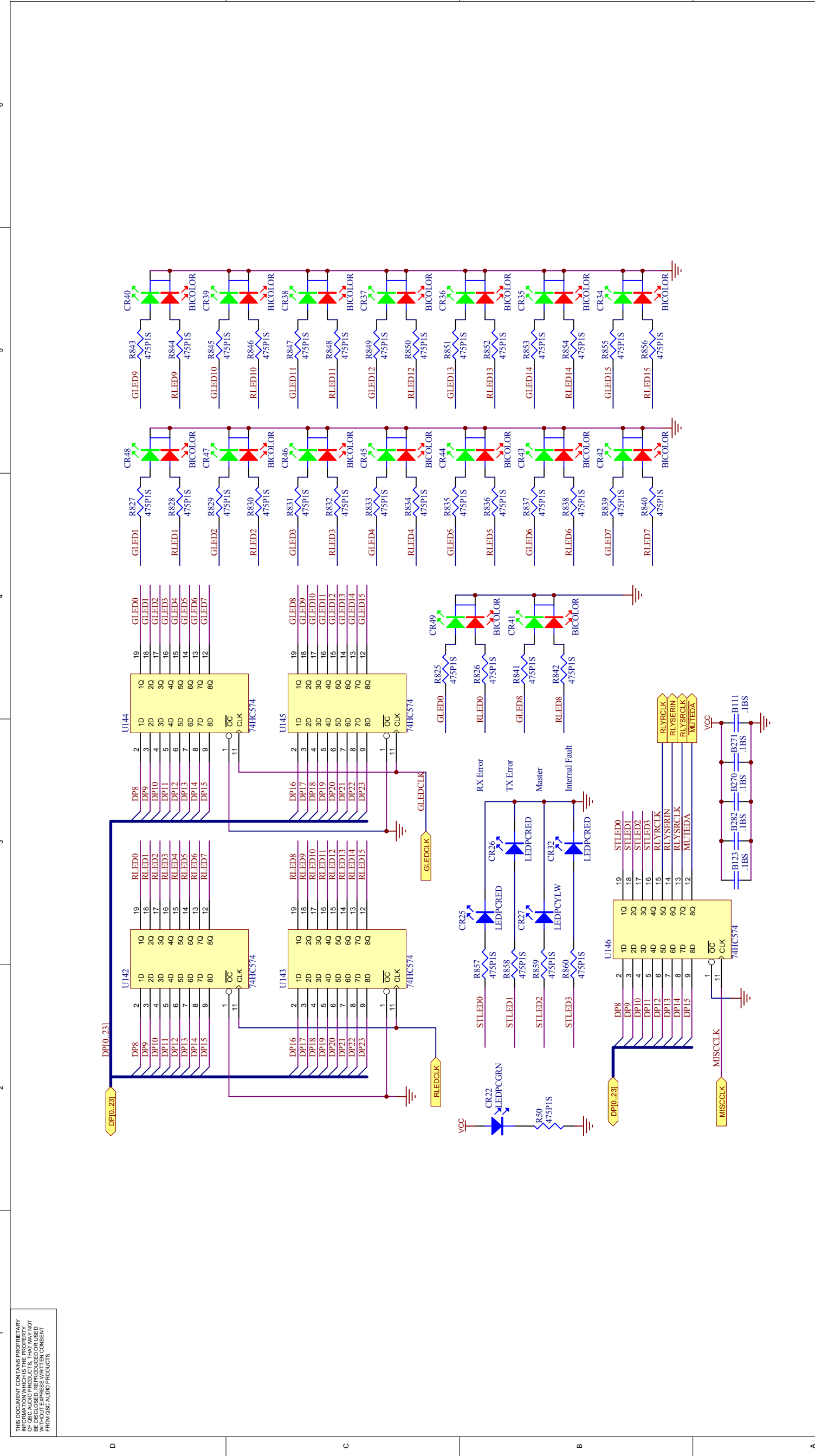
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1675 MACARTHUR BLVD.
COSTA MESA, CA 92626

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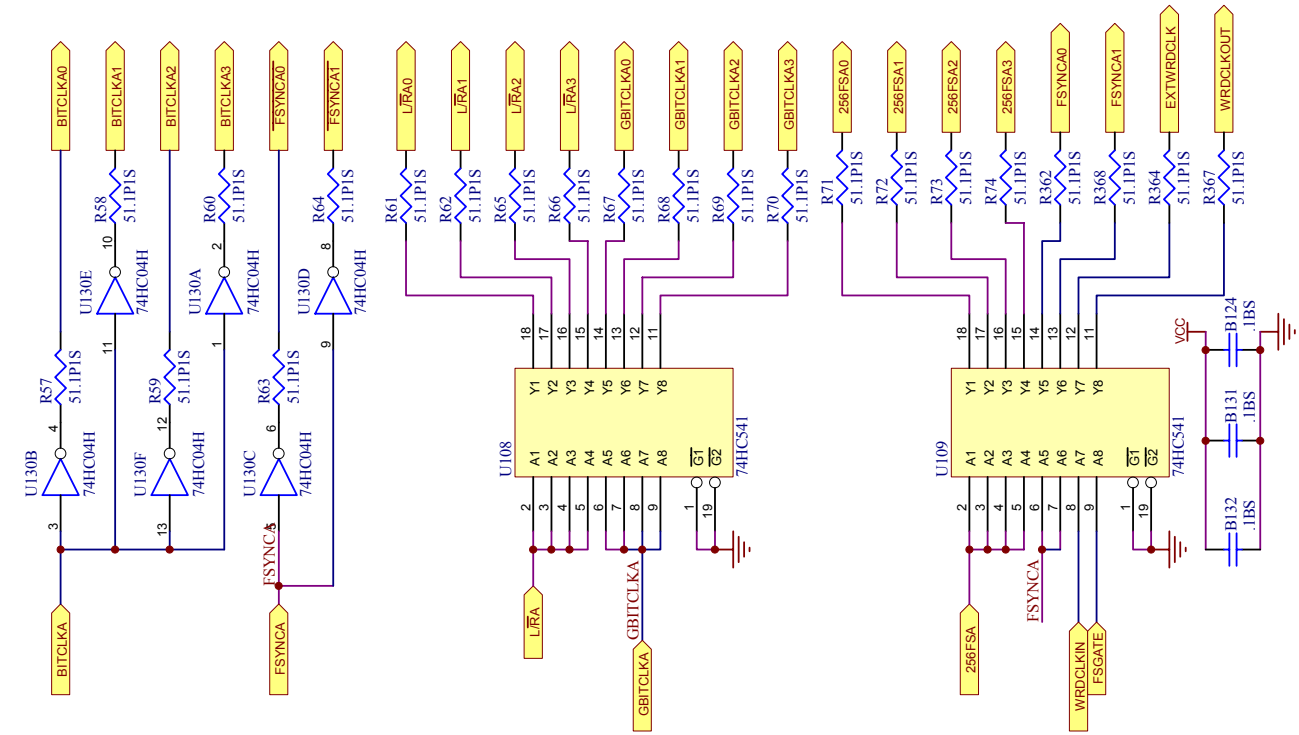


AUDIO PRODUCTS, INC.		1675 MACARTHUR BLVD.	
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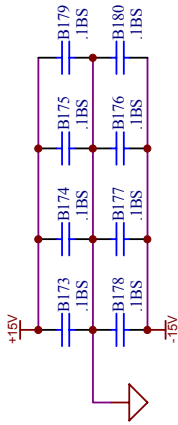
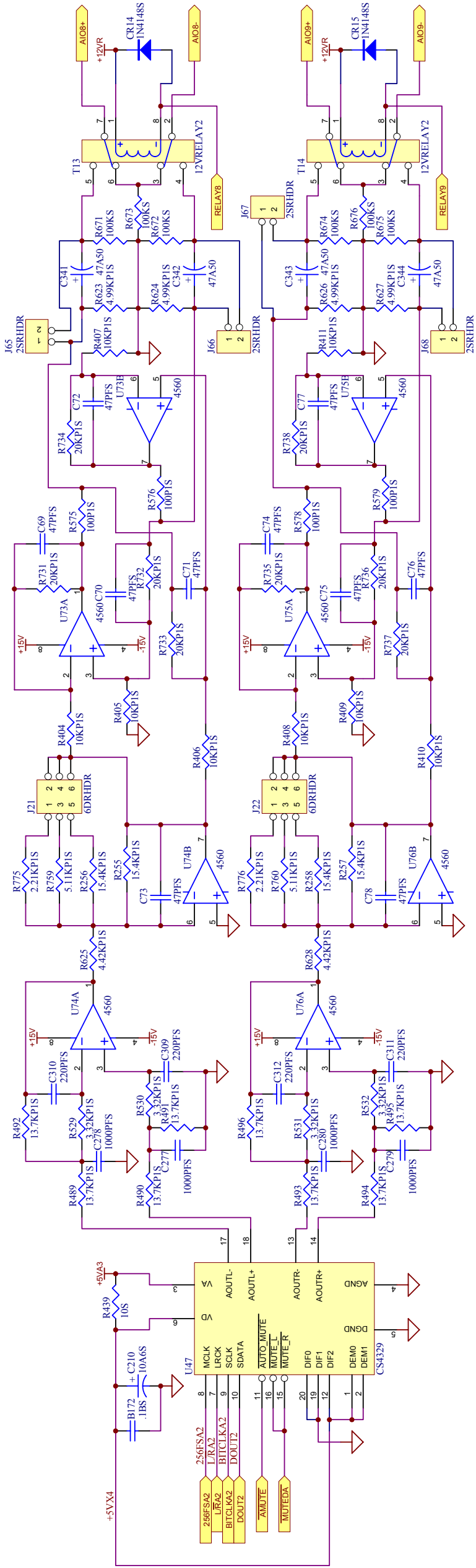


407E MACINTOSH PLUS

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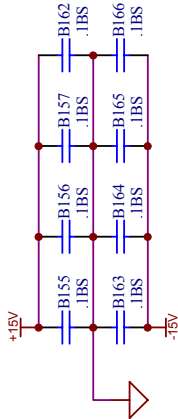
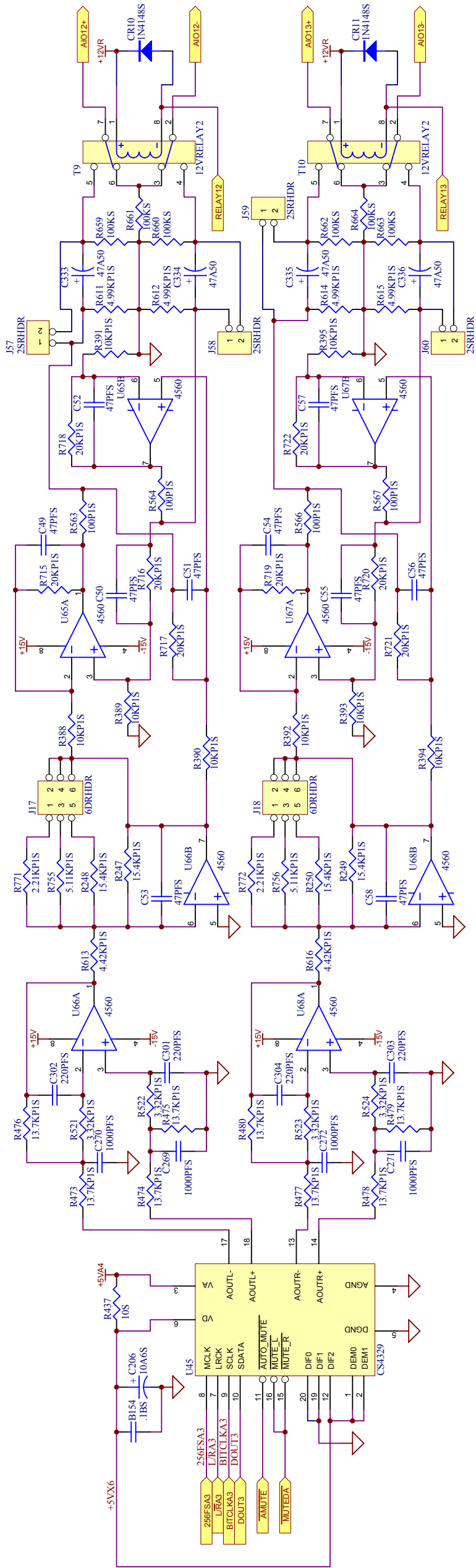


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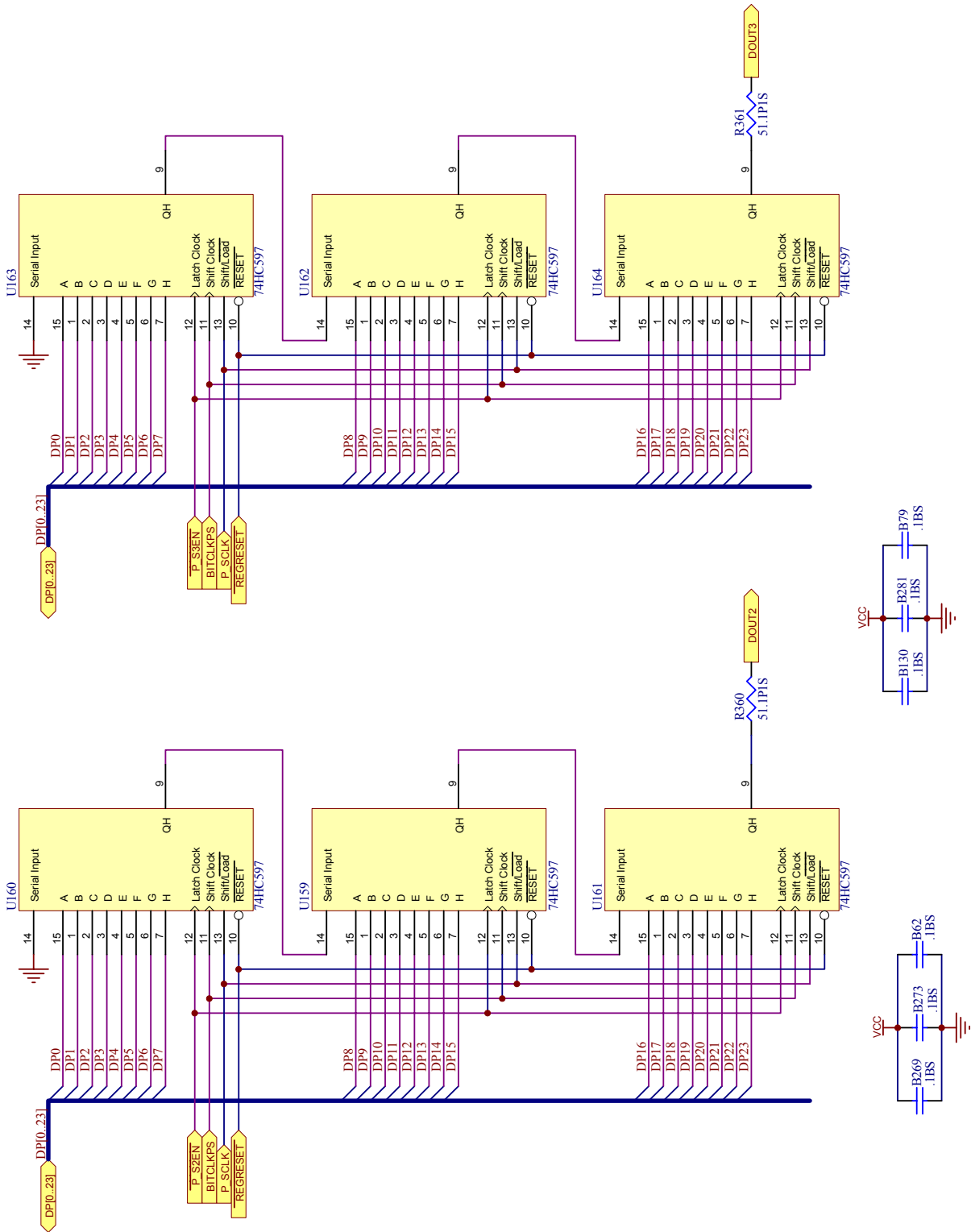


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Date:	12-Dec-2001	Eng:	karl@fluke.com
		Sheet	23 of 36

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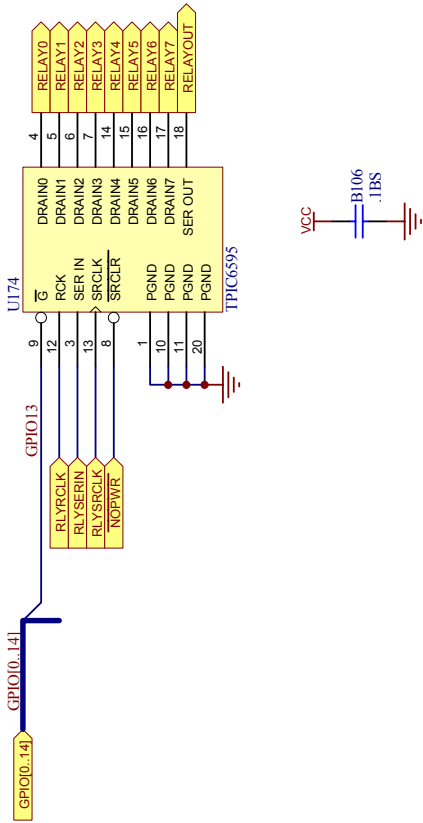


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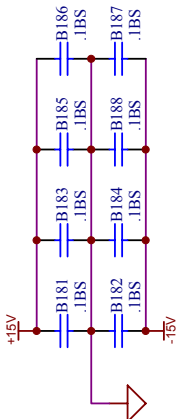
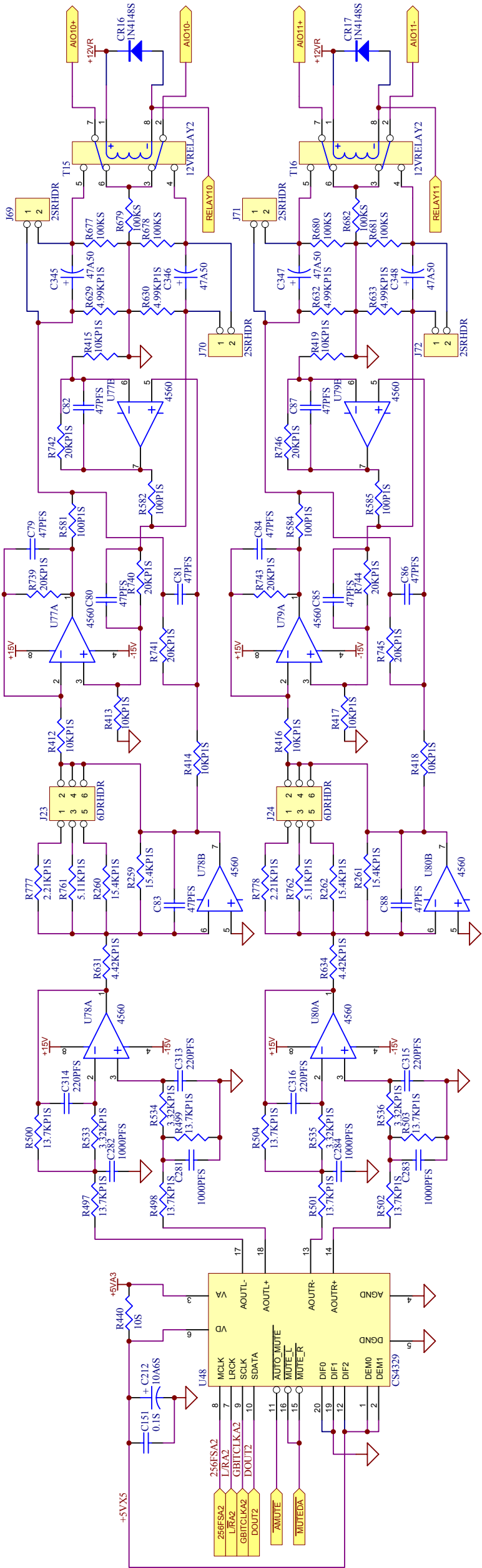
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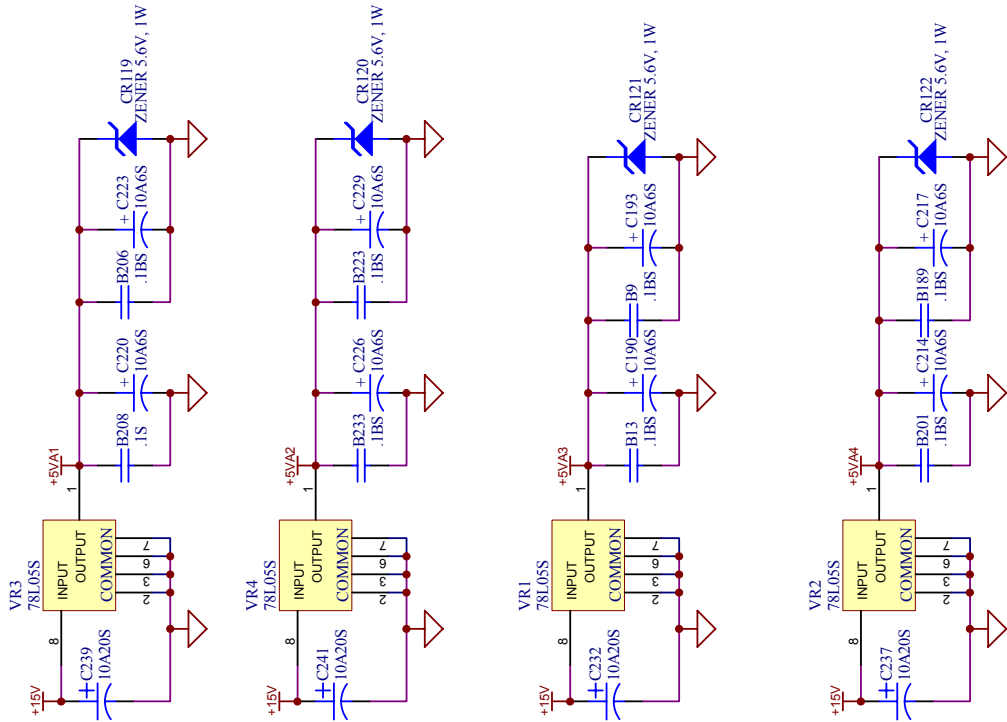
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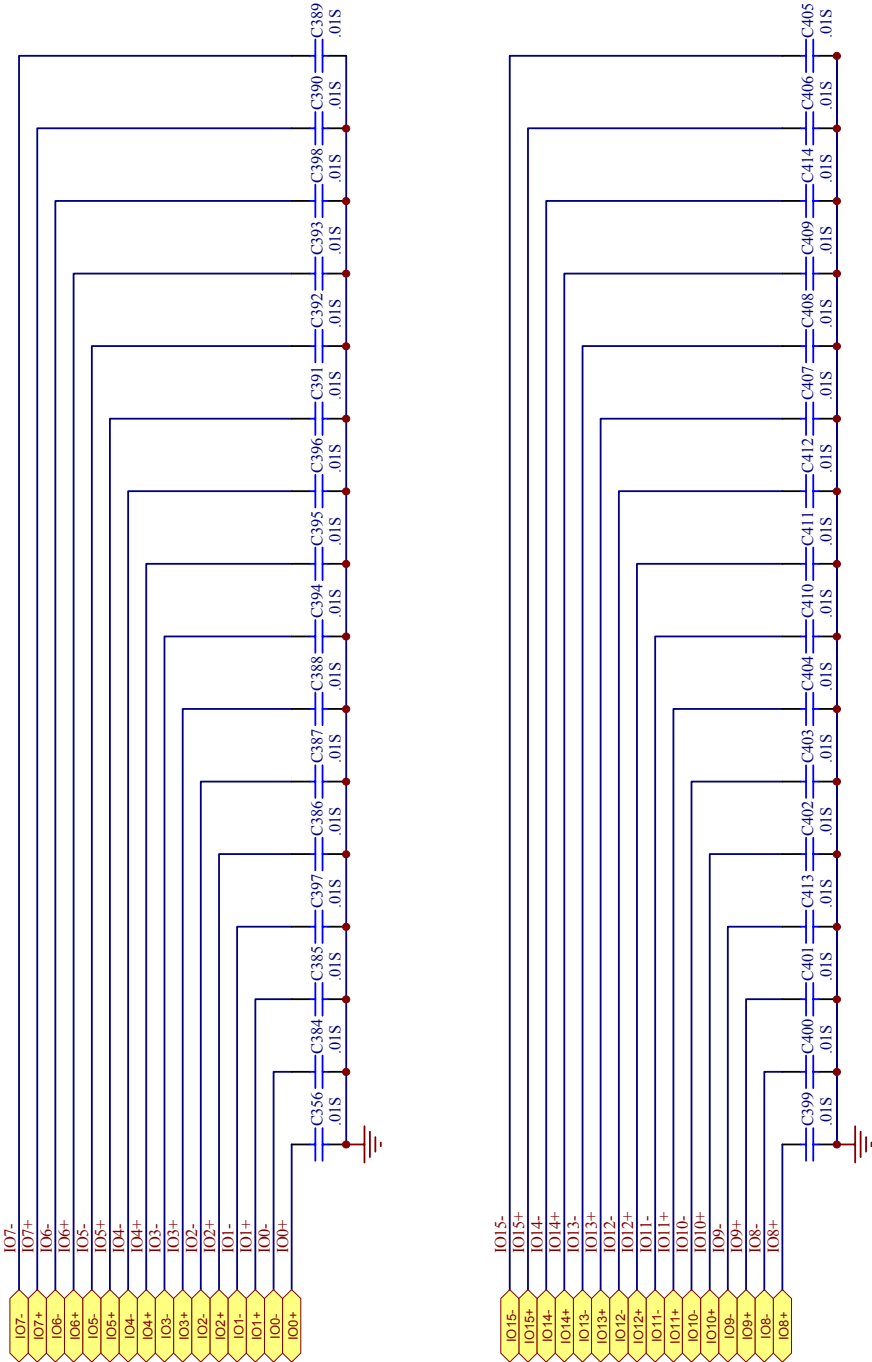
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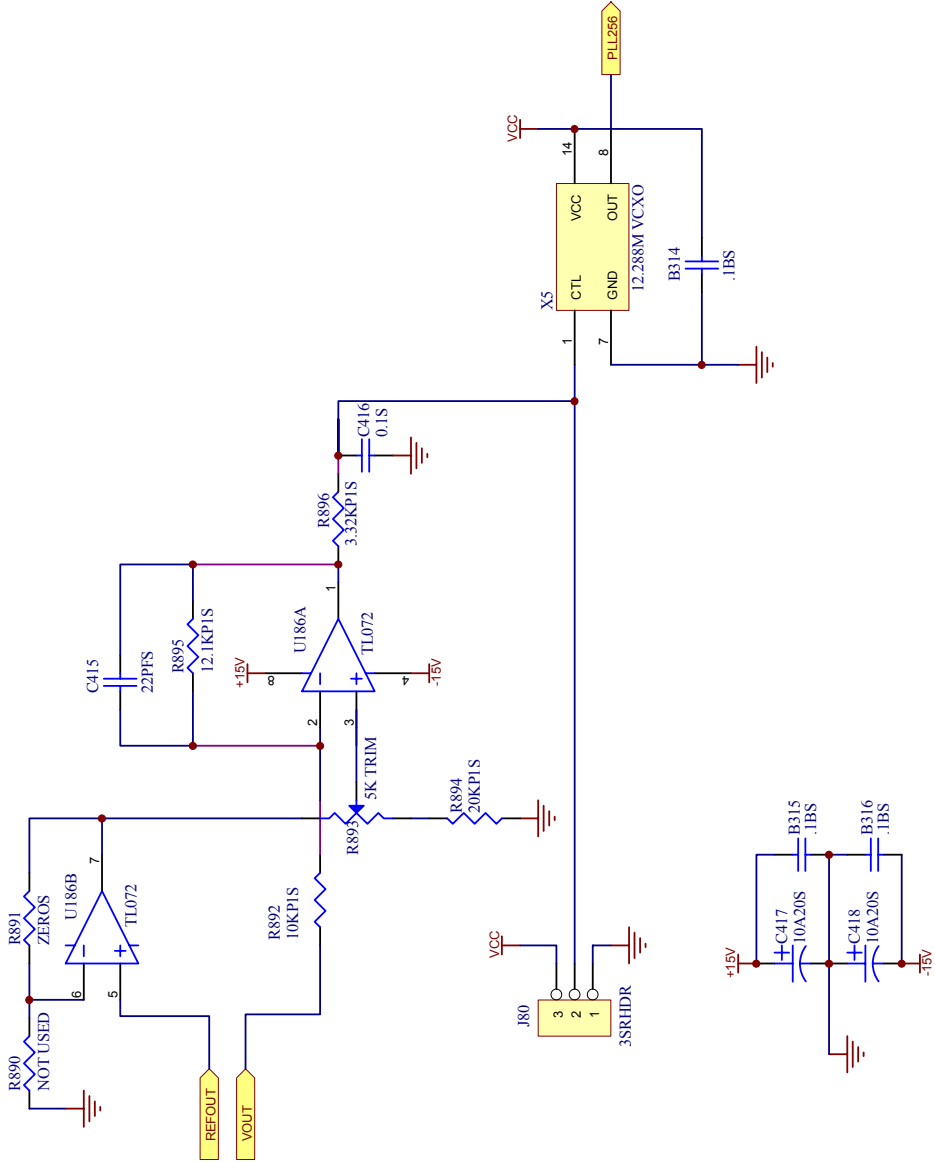
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Date: 12-Dec-2001	Eng: Karl Fitzke	Sheet: 35	of 36