

DWG. NO.		SHT	REV:	1	
ECO#	REV:	DESCRIPTION		REV. BY:	APP. BY:
					DATE

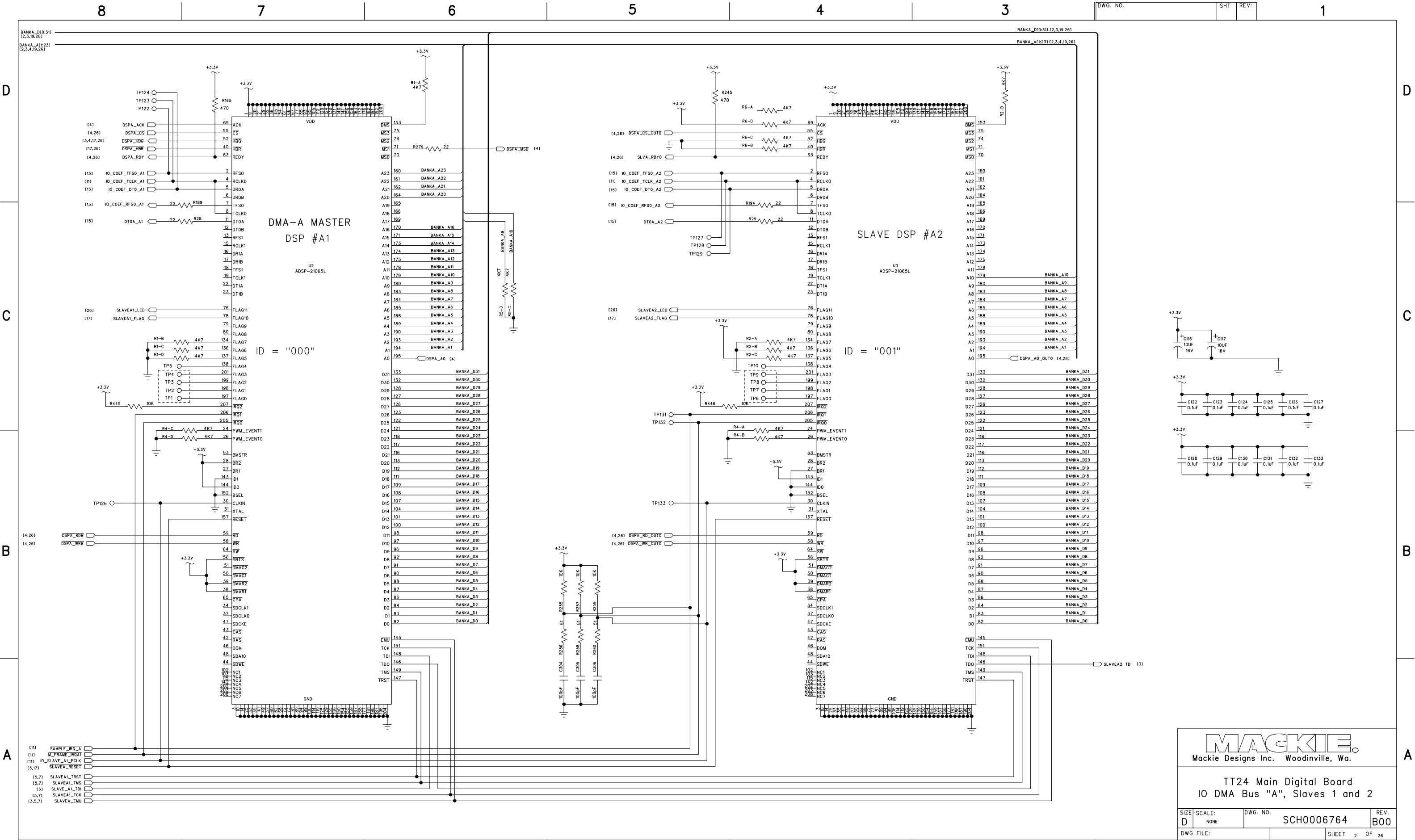
APPROVALS	DATE
DRAWN: A. Kappers G. Jordan F. Warner	2003.11.07
CHECKED:	
NP ENG:	
MATERIAL:	
MFG:	
MFG ENG:	
ISSUED:	

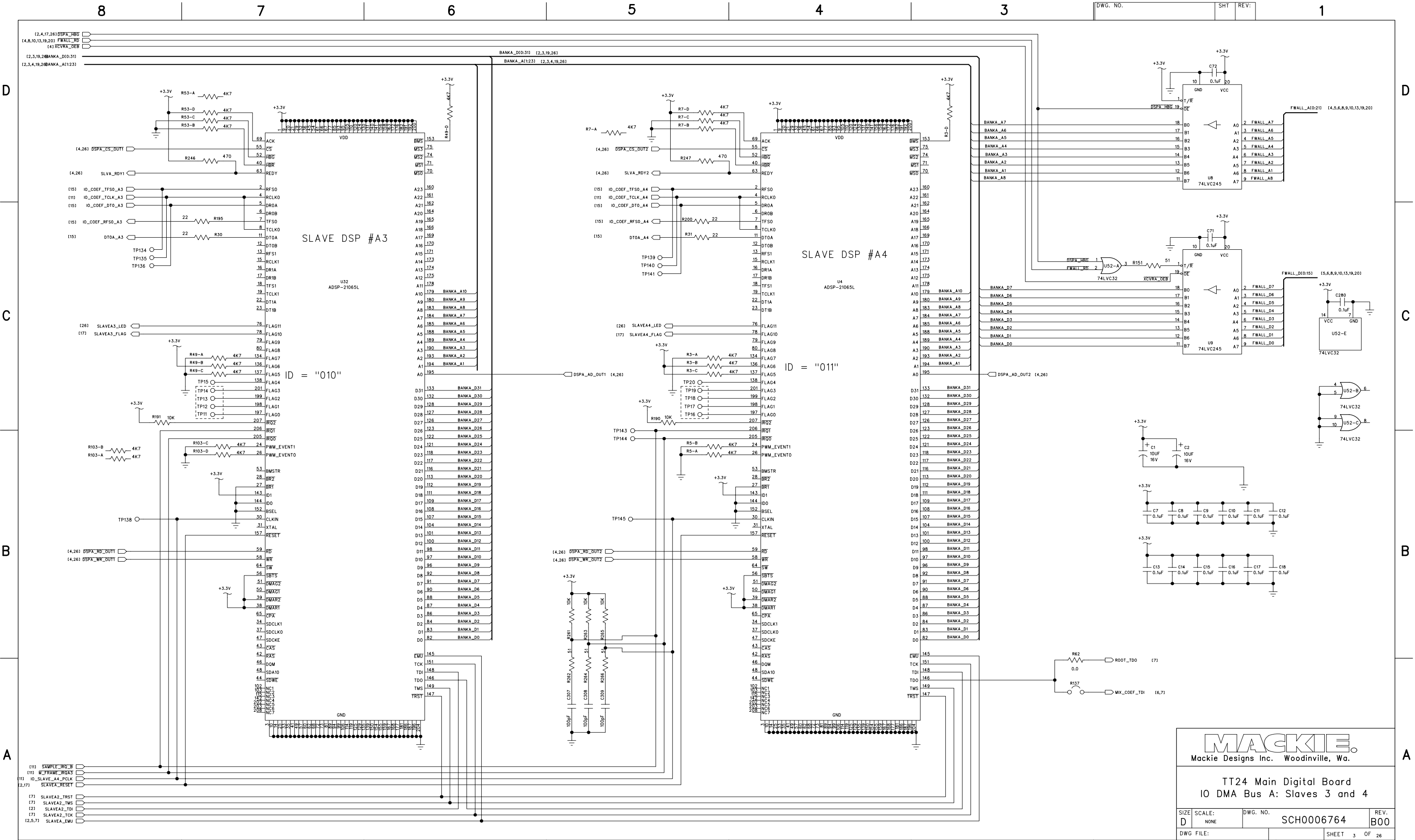
MACKIE
Mackie Designs Inc. Woodinville, Wa.

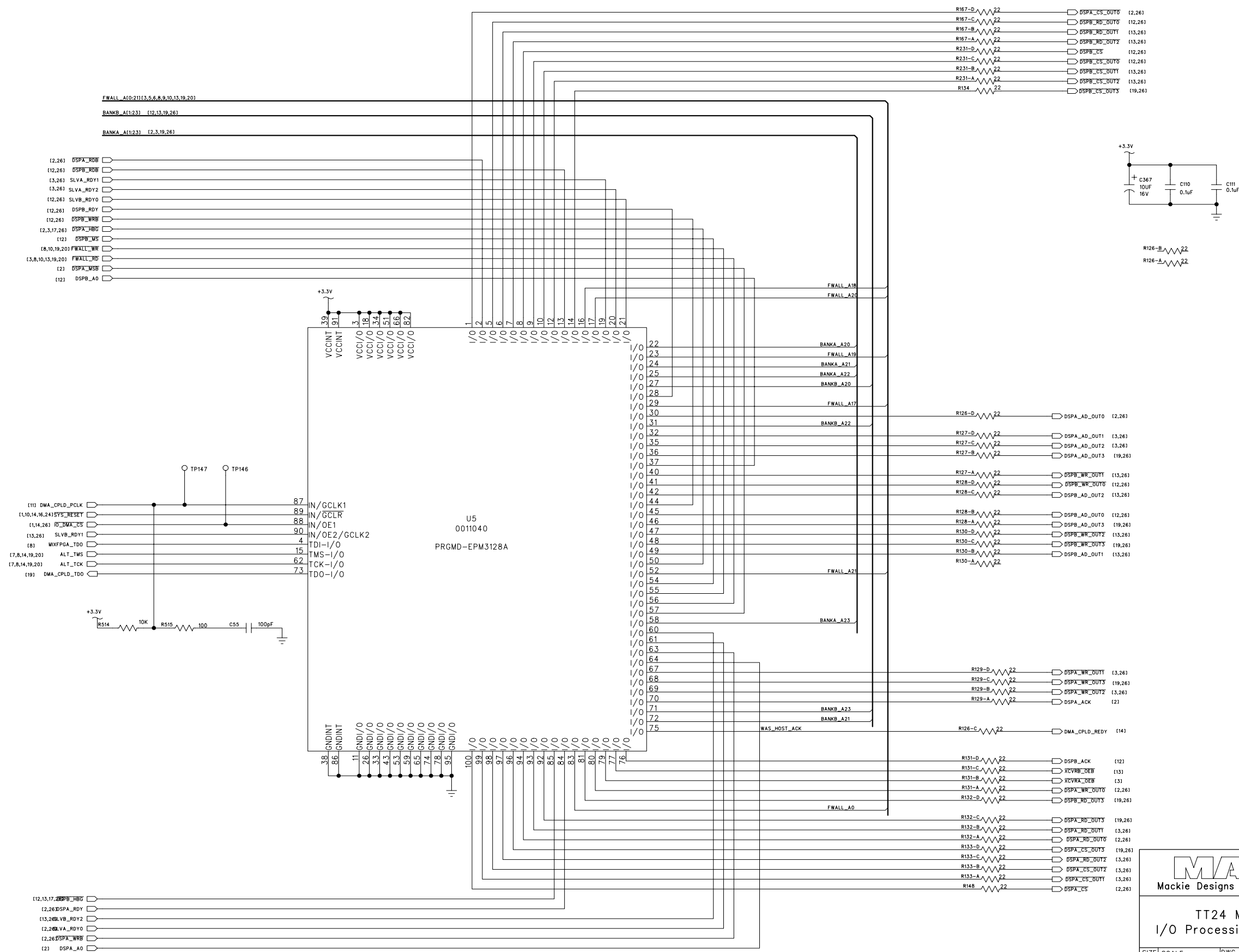
TT24 Main Digital Board
Guvner Sharc and Memory

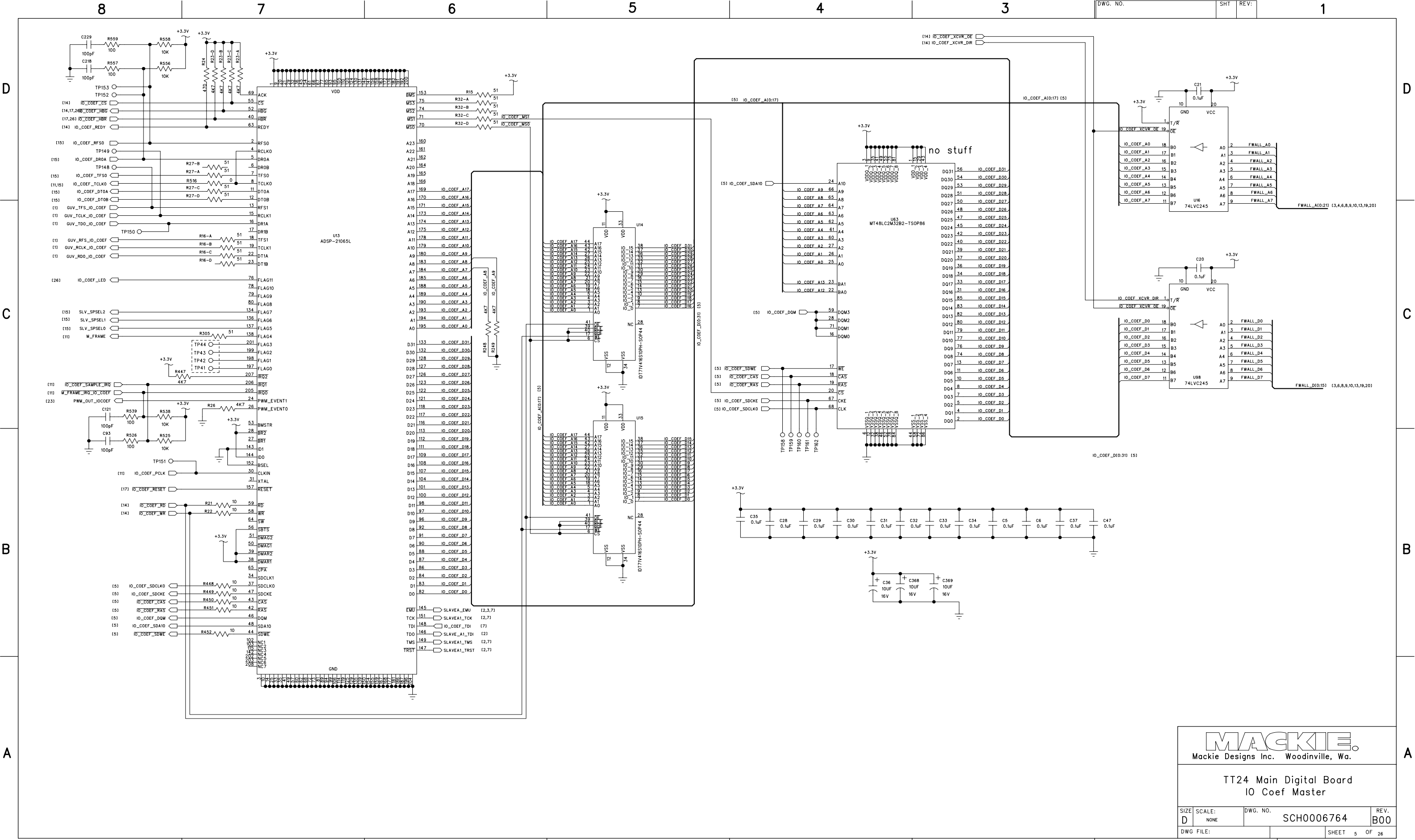
SIZE	SCALE:	DWG. NO.	REV.
D	NONE	SCH0006764	B00
DWG FILE:		SHEET 1 OF 26	

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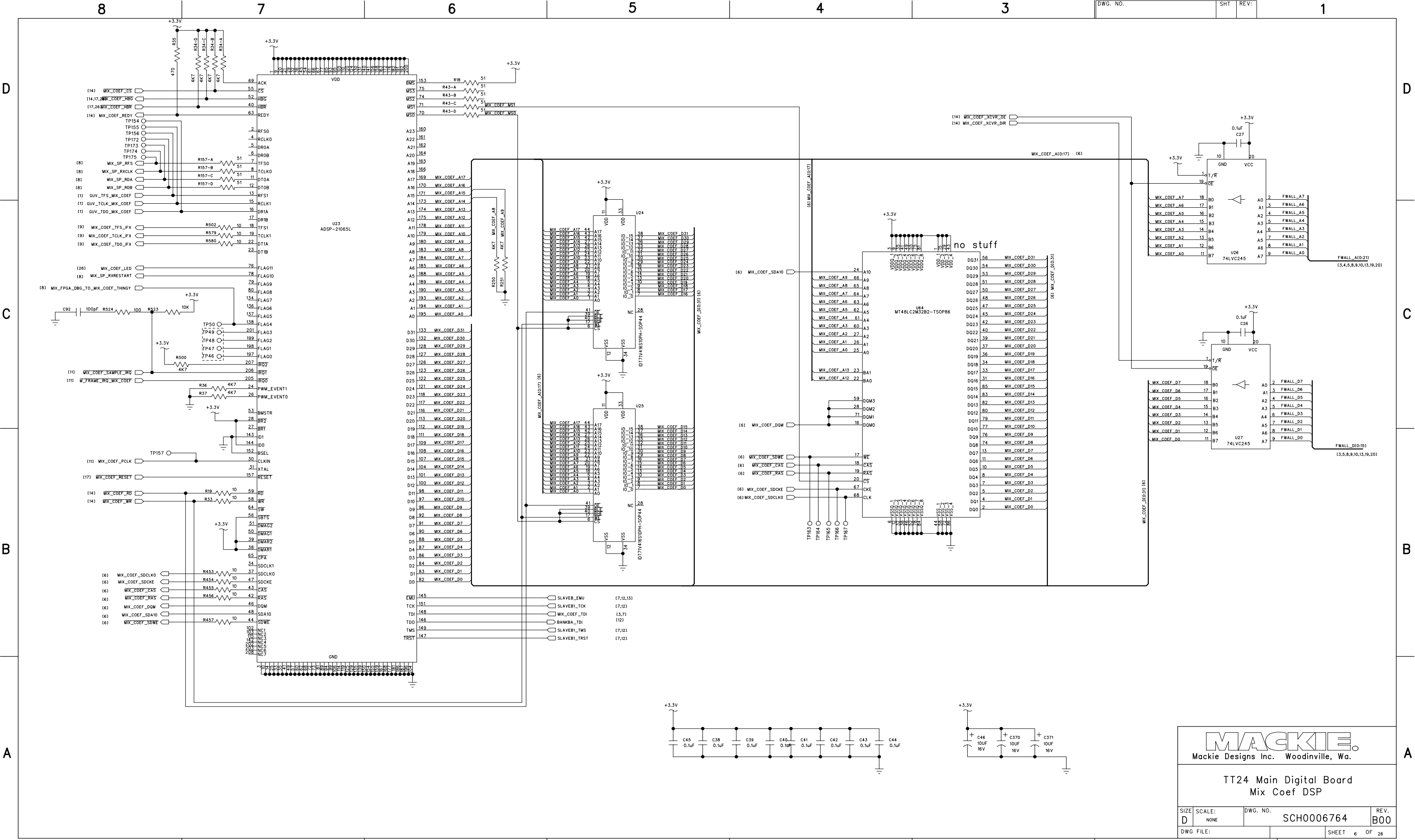




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TT24 Main Digital Board
IO Coef Master

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DWG FILE:		SHEET 5 OF 26	



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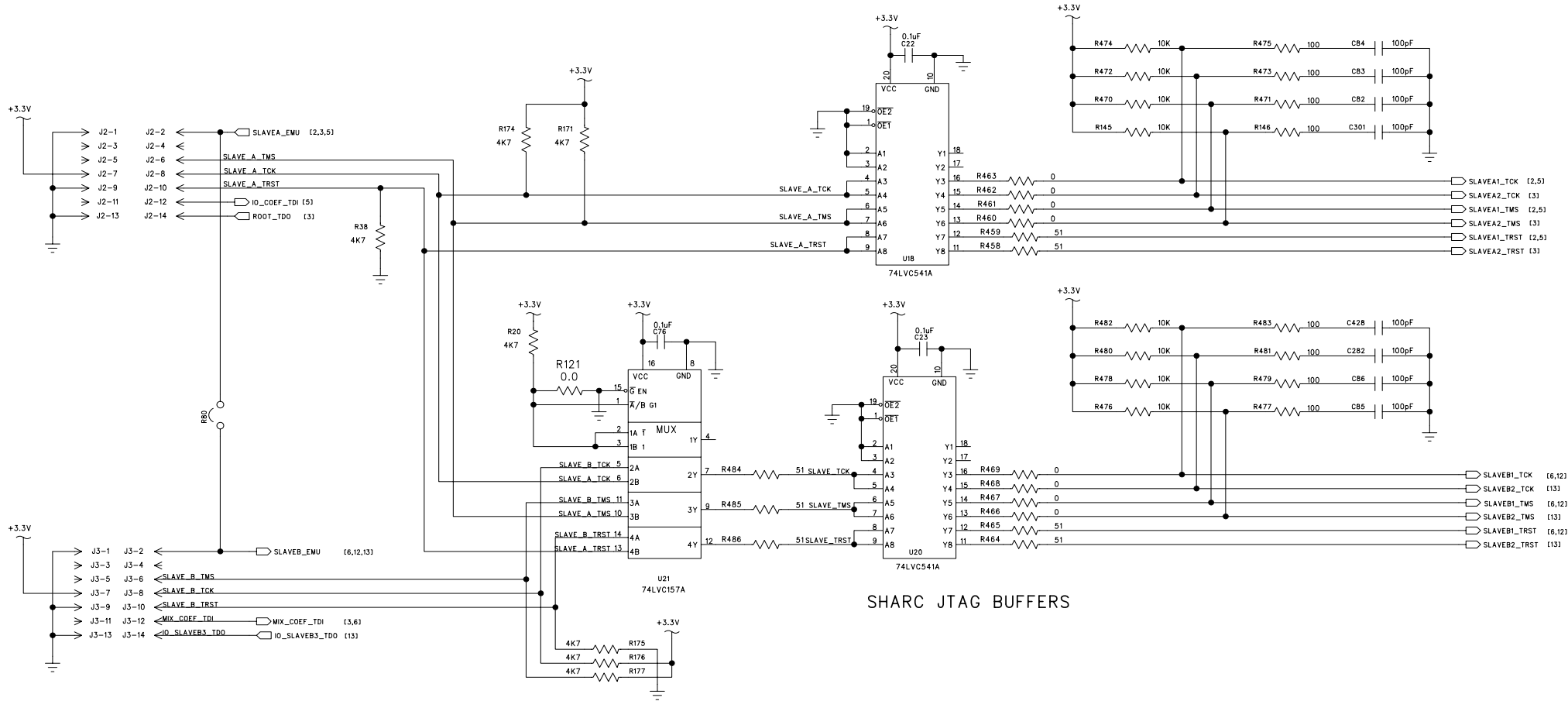
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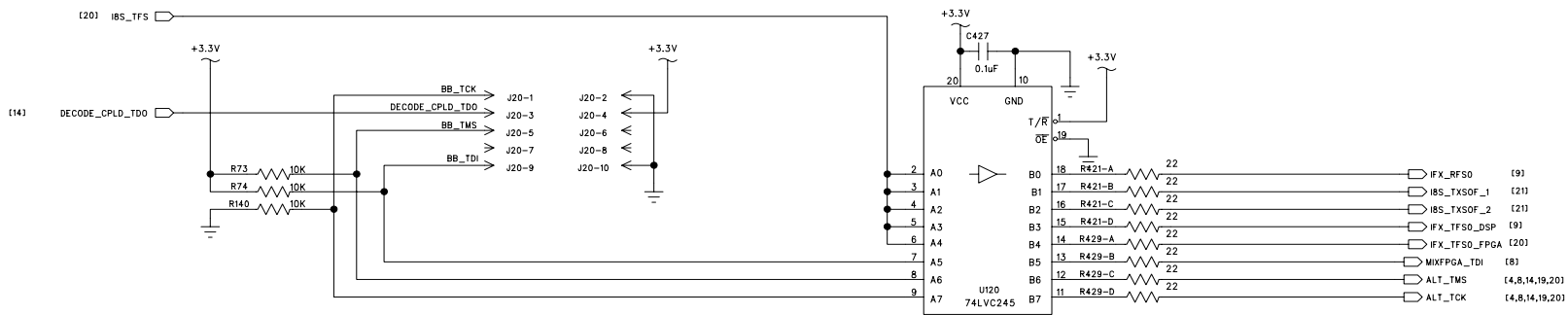
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SHARC JTAG BUFFERS

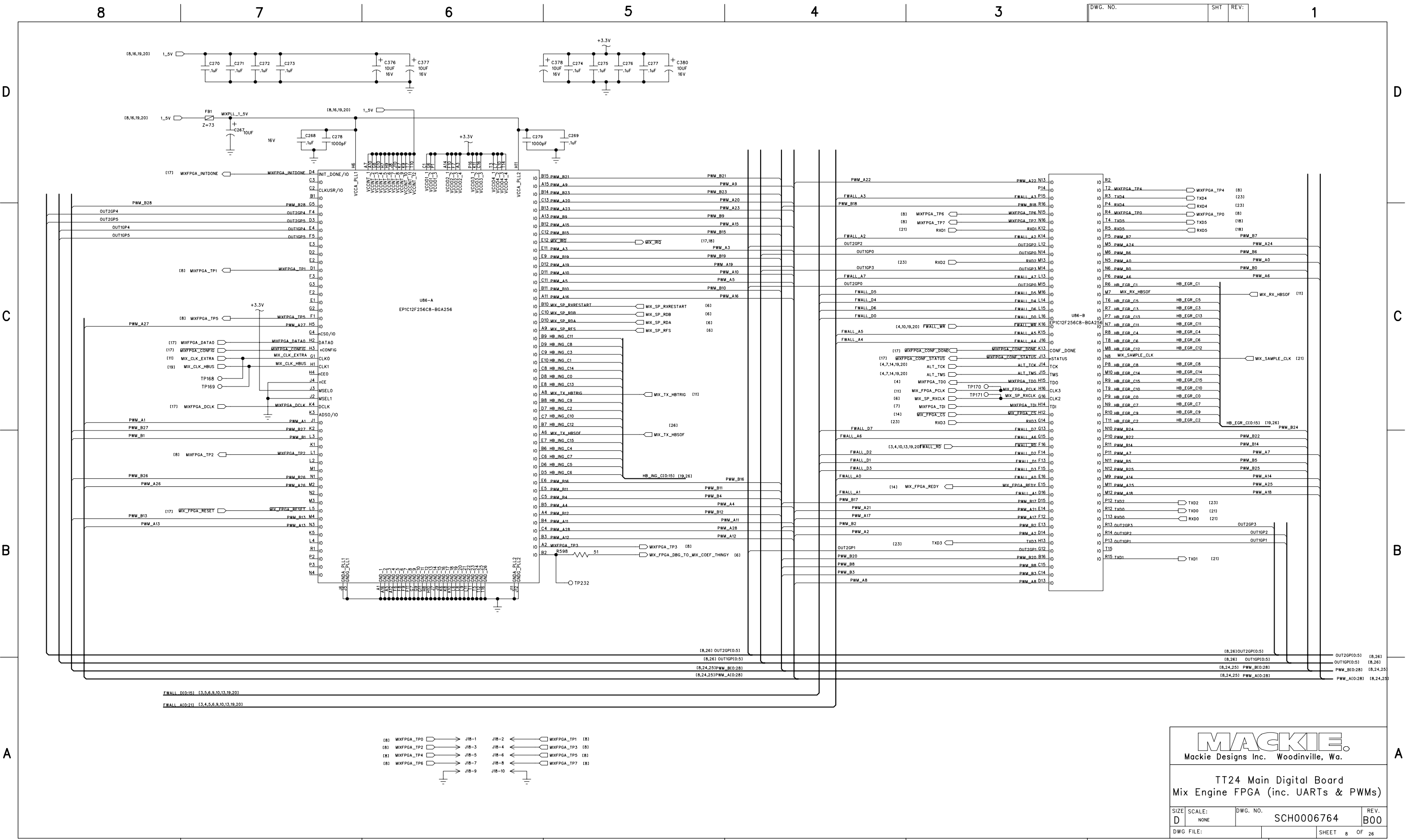


Altera JTAG CHAIN BUFFERS

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TT24 Main Digital Board
Sharc & Altera JTAG wrangling

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DWG FILE:		SHEET 7 OF 26	



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TT24 Main Digital Board

Mix Engine FPGA (inc. UARTs & PWMs)

SIZE: D

SCALE: NONE

DWG. NO. SCH0006764

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DWG FILE:

SHEET 8 OF 26

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TT24
DIGITAL LIVE
CONSOLE

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Main Digital Board Schematics

PAGE 8



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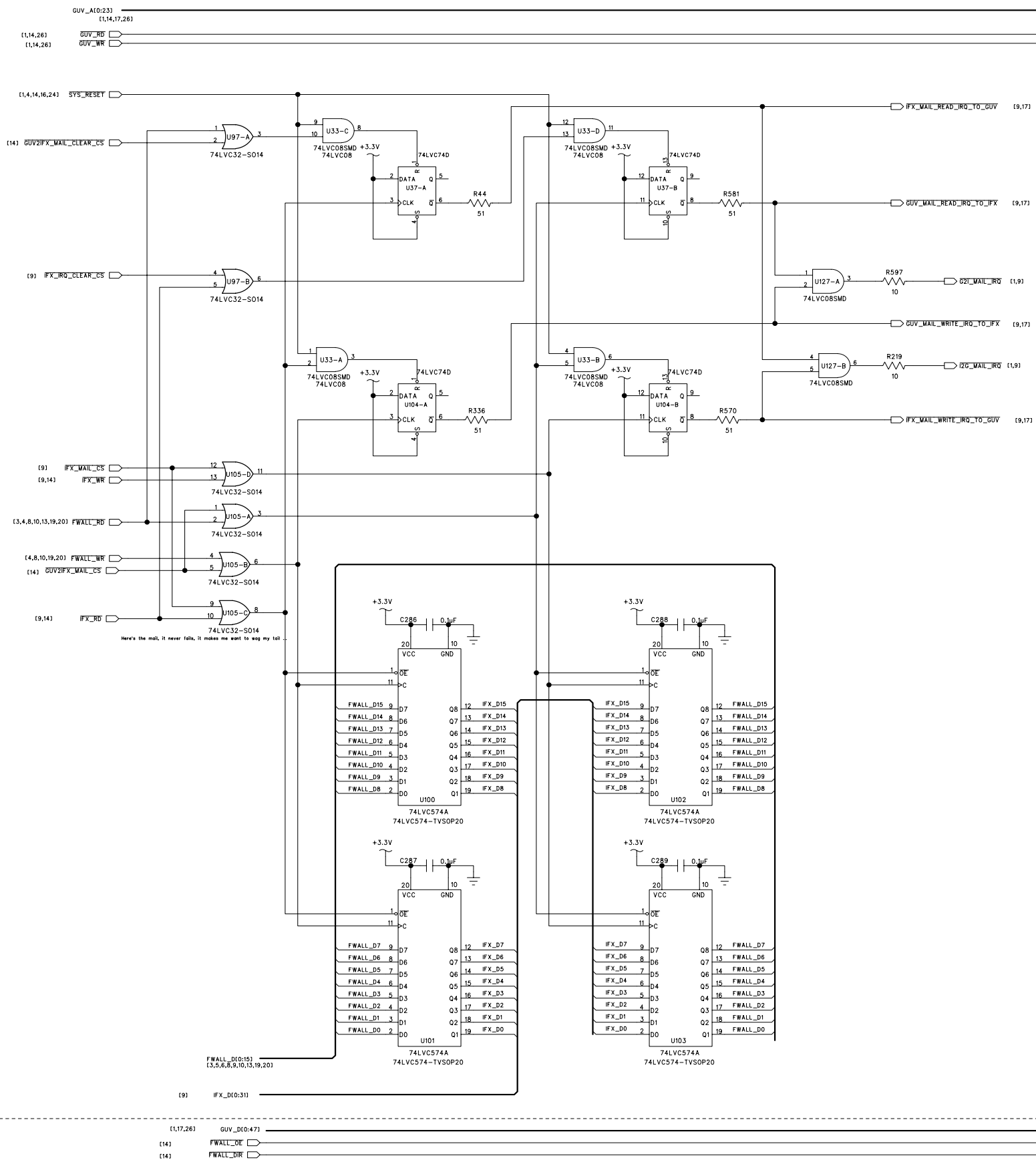
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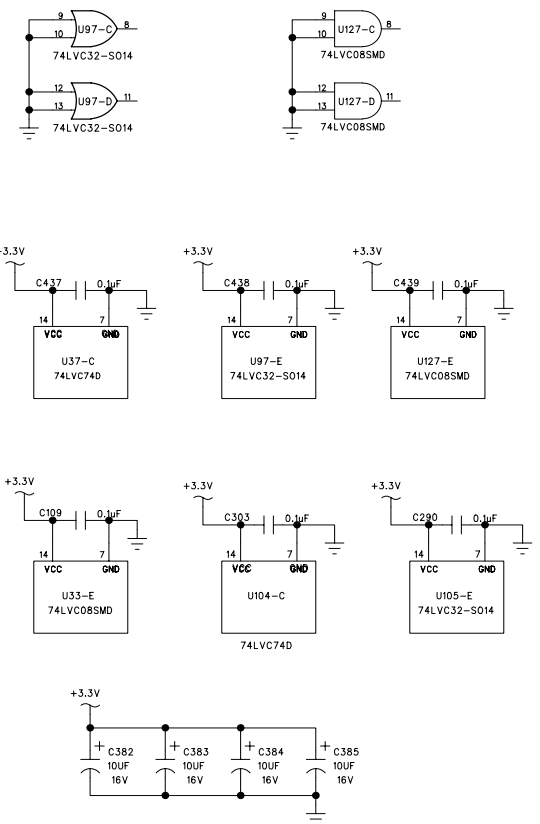
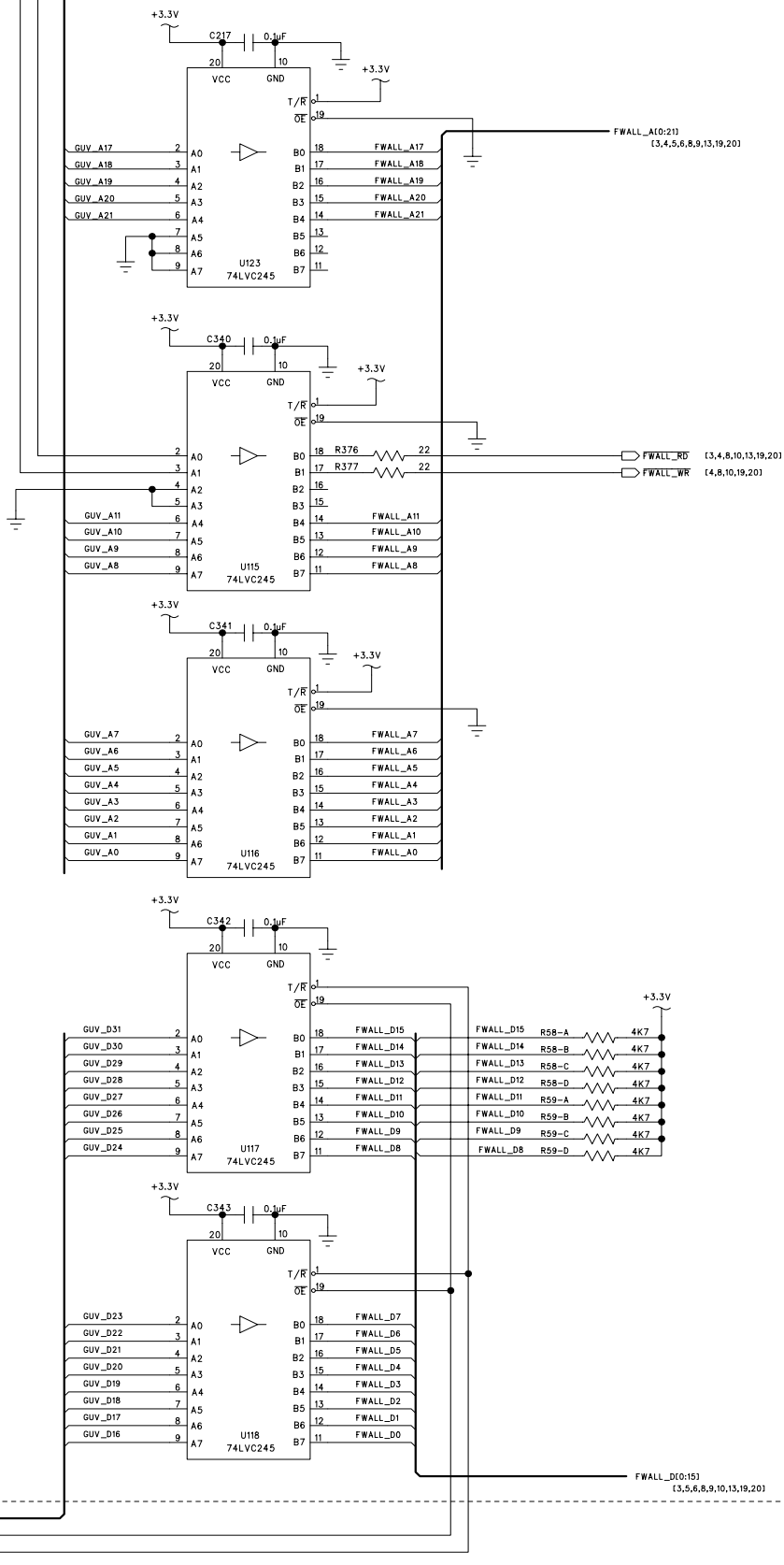
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IFX/ Guv Mail Box I/F



FIRE WALL

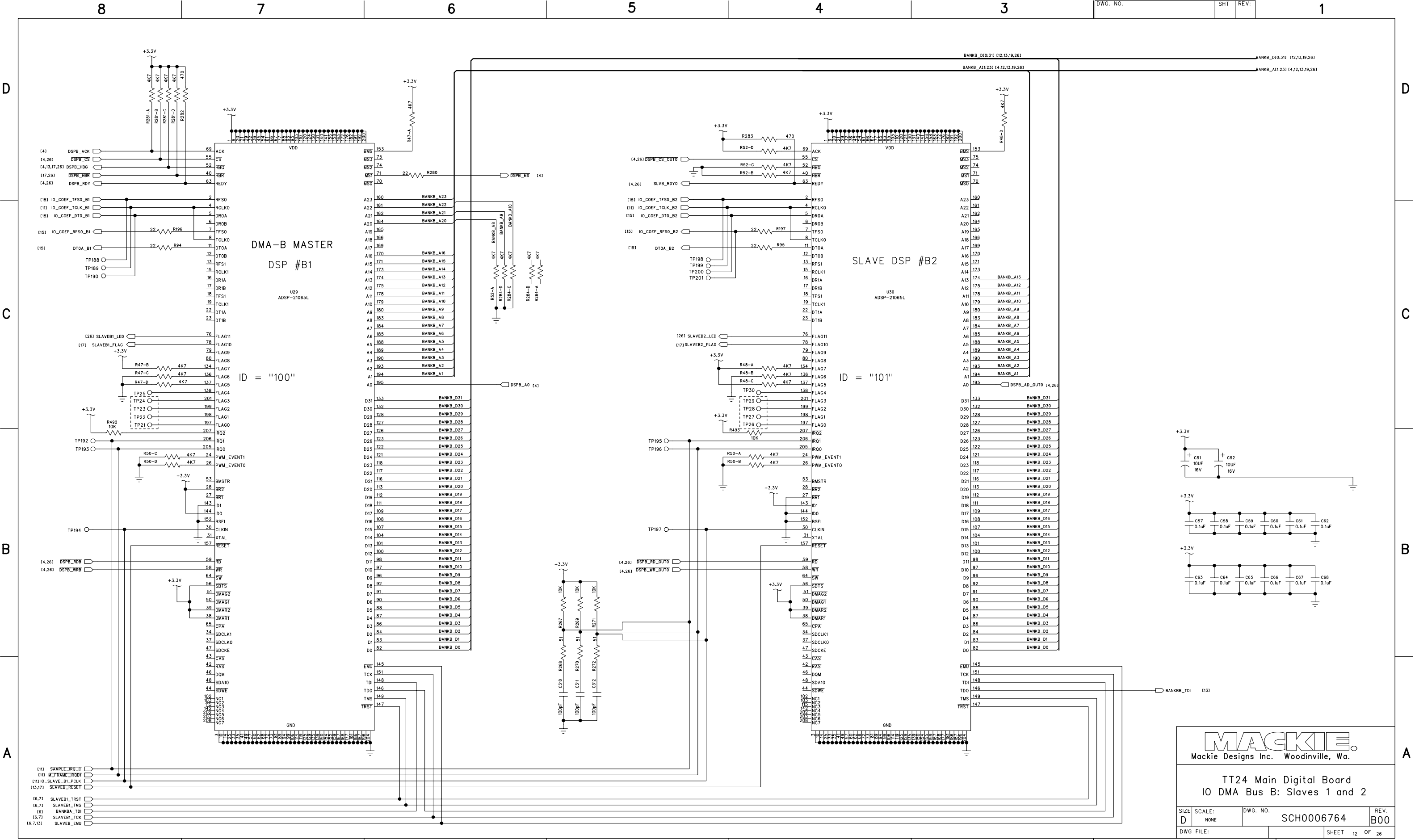


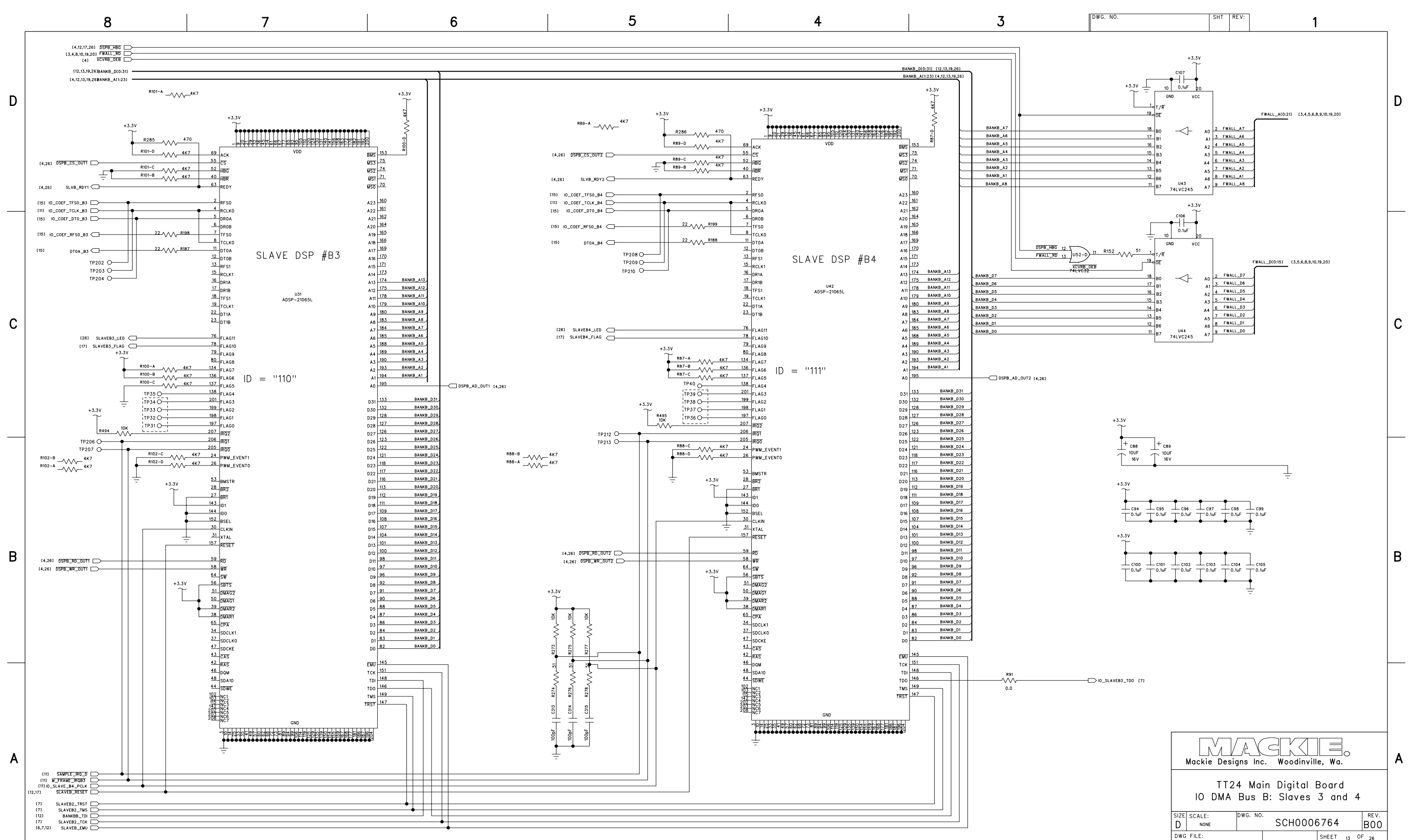
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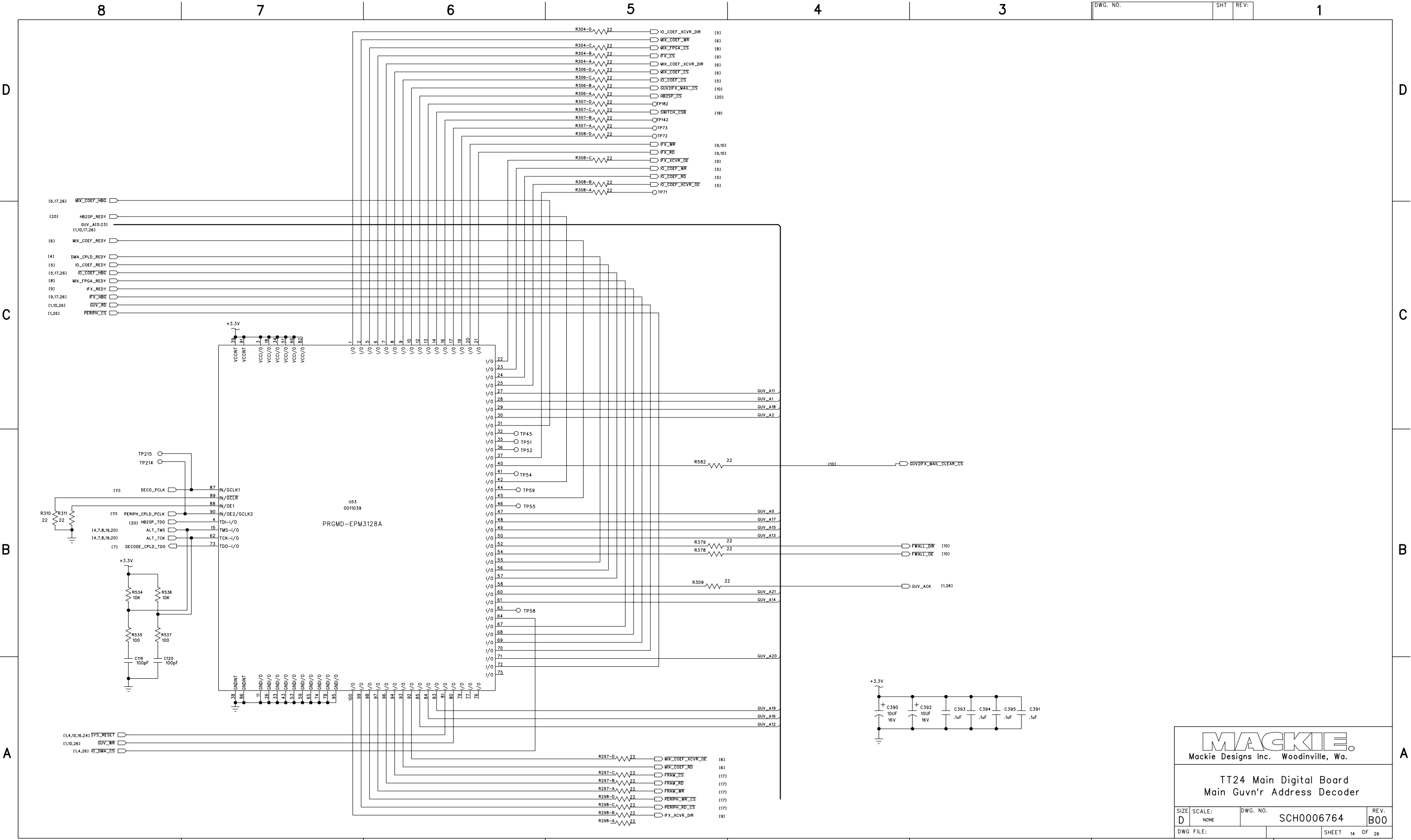
TT24 Main Digital Board
IFX I/F & FireWall

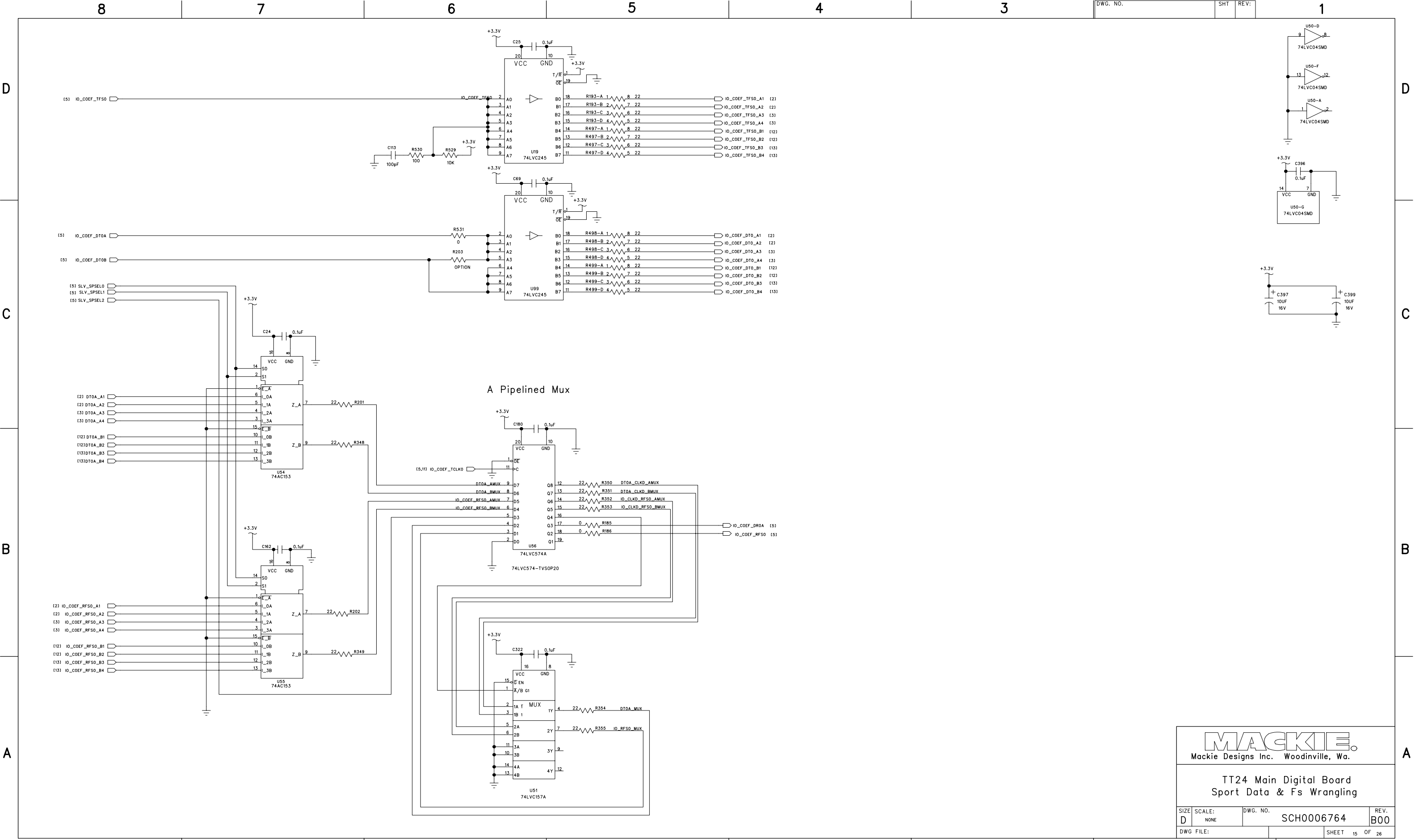
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D	NONE	SCH0006764	B00
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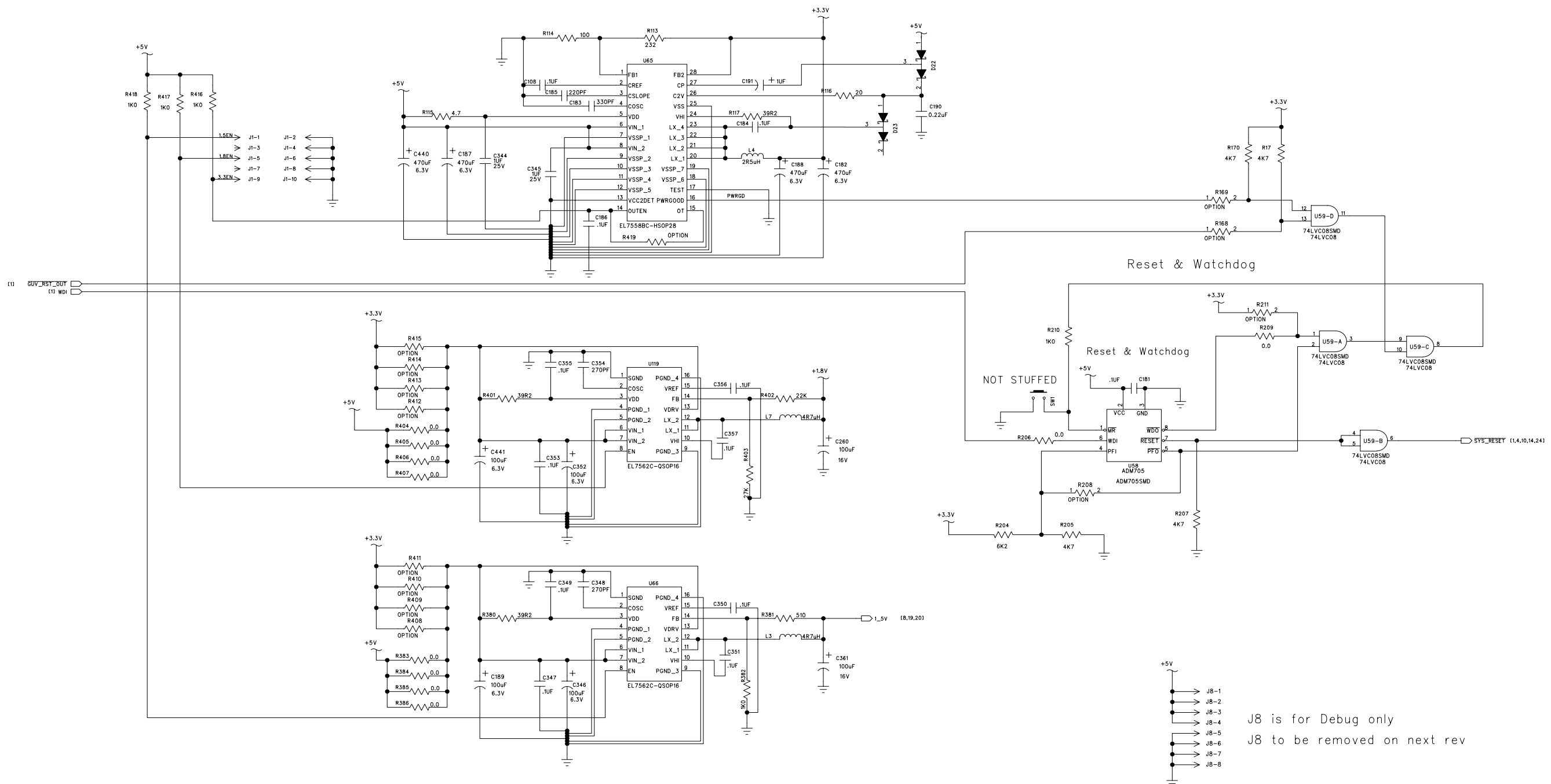




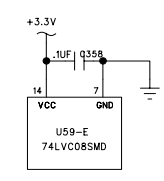
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TT24 Main Digital Board
Sport Data & Fs Wrangling

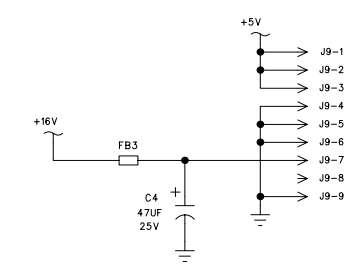
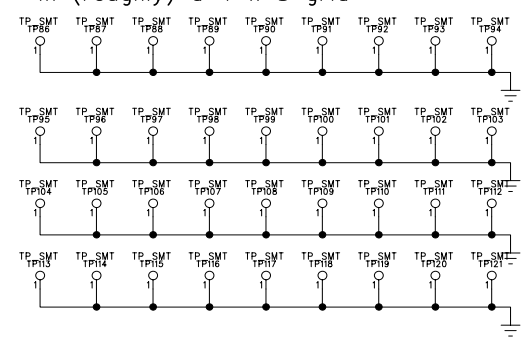
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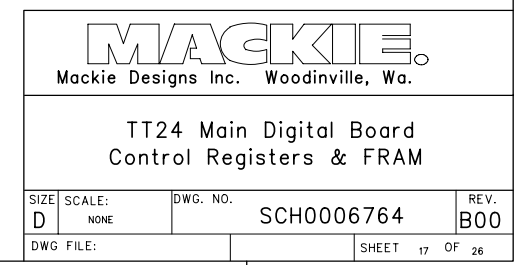
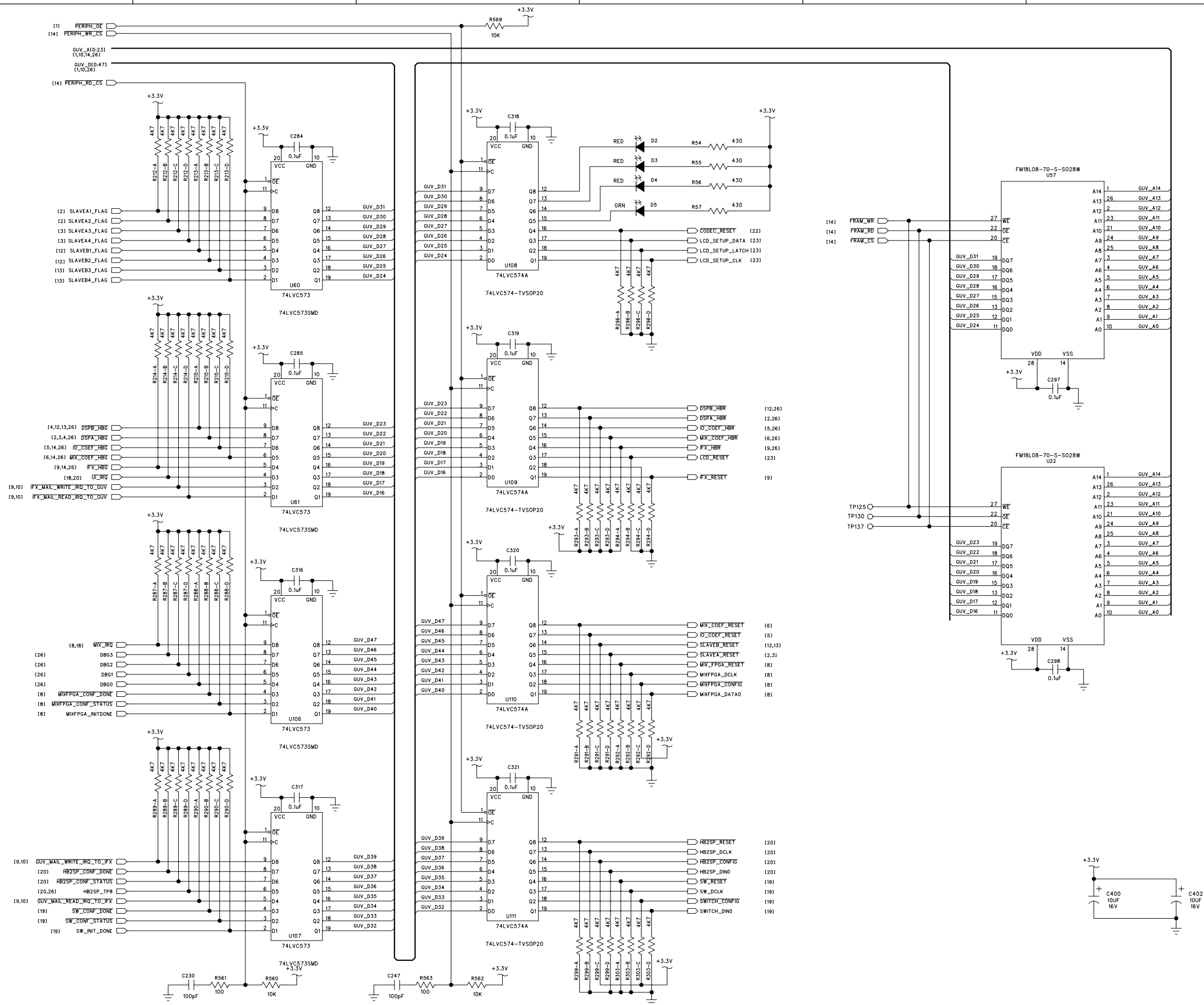
J8 is for Debug only
J8 to be removed on next rev

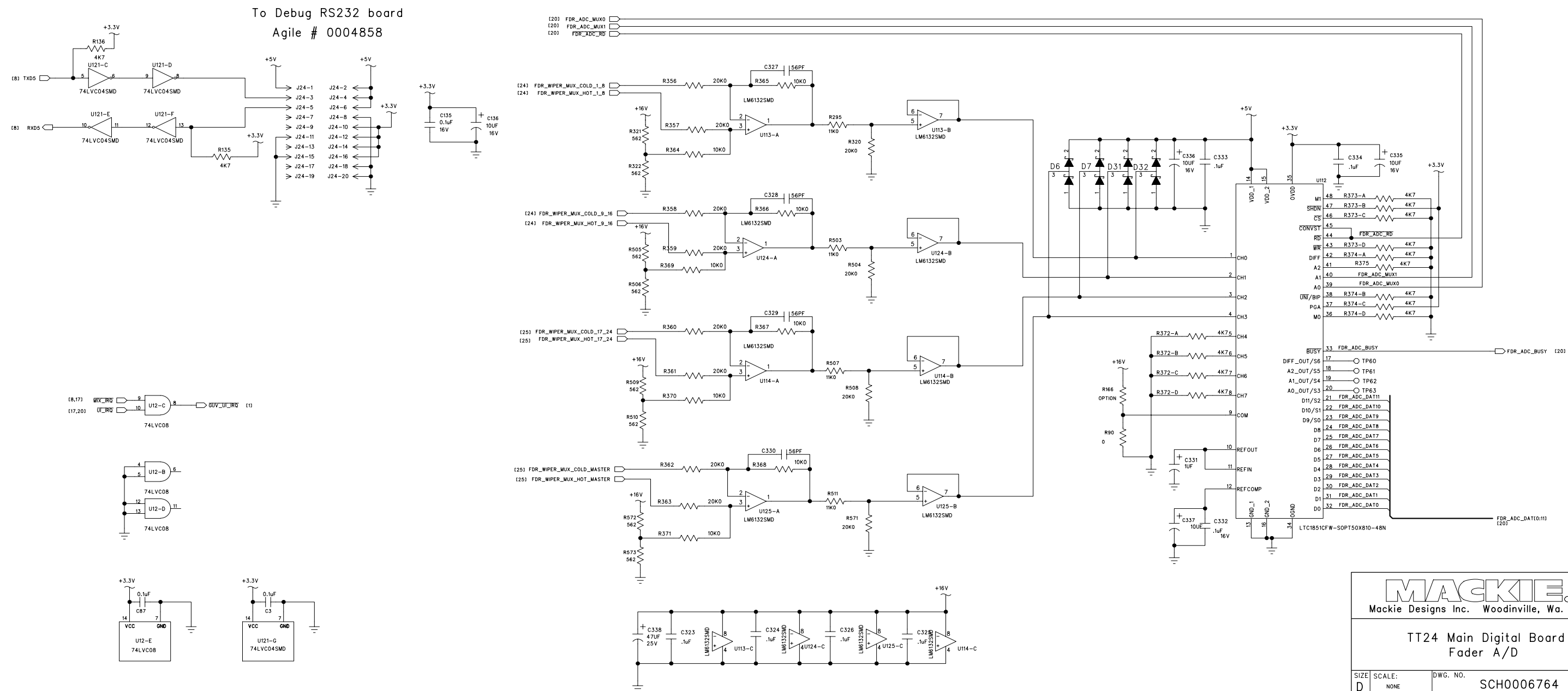


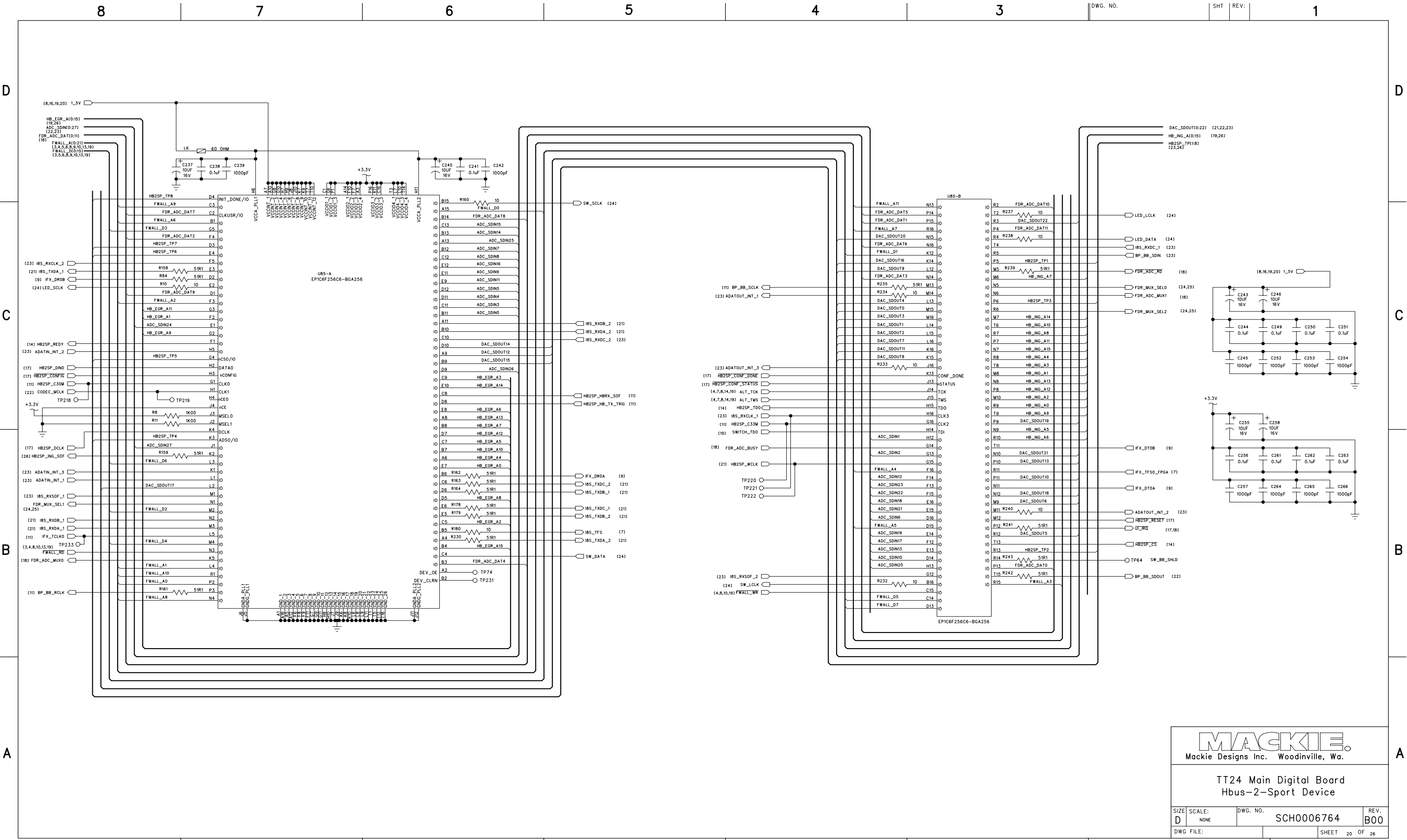
Large Test Points
To be placed evenly across the board
in (roughly) a 4 x 8 grid



			
Mackie Designs Inc. Woodinville, Wa.			
<p>TT24 Main Digital Board</p> <p>Power and Reset</p>			
SIZE D	SCALE: NONE	DWG. NO. SCH0006764	REV. B00
DWG FILE:			SHEET 16 OF 26



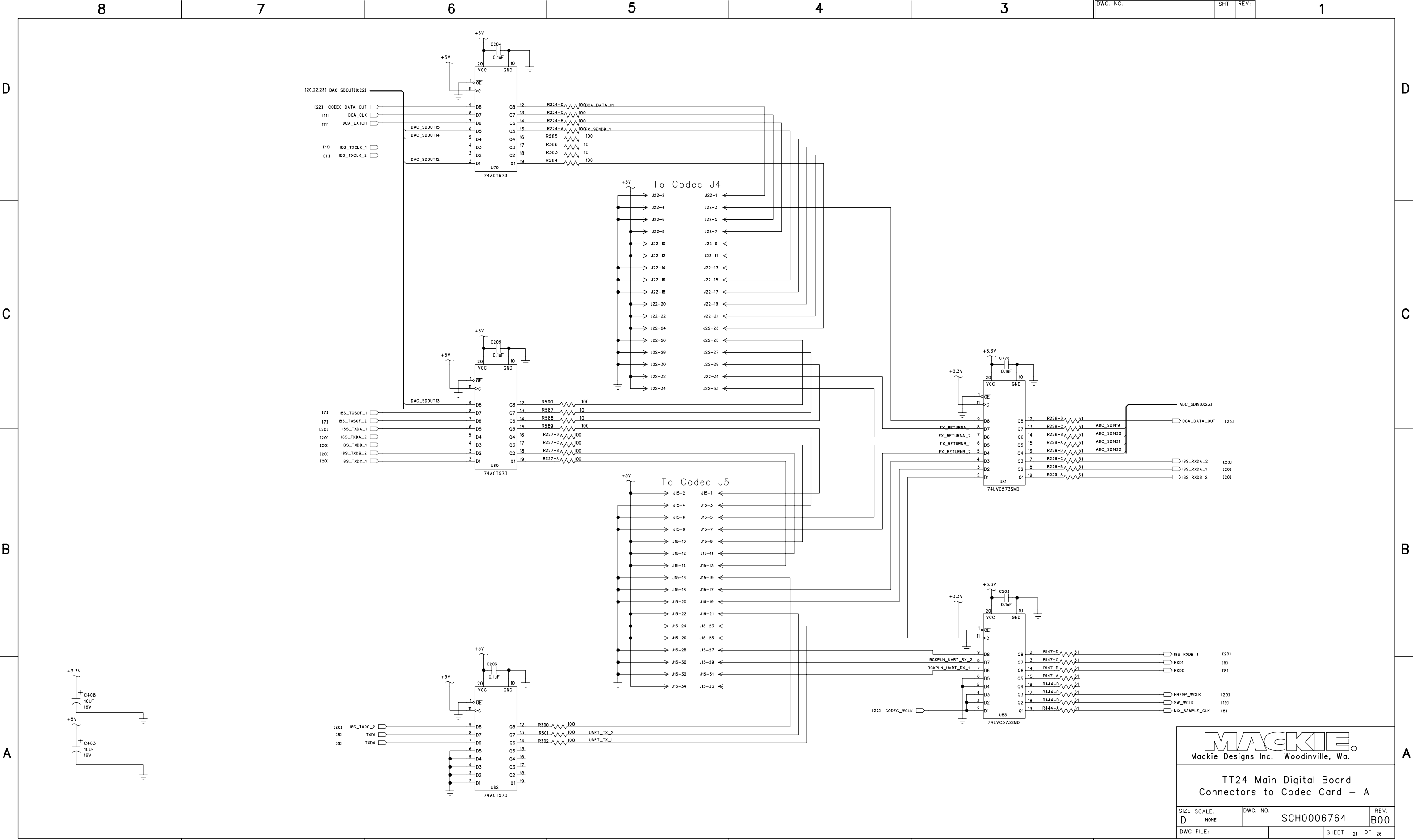


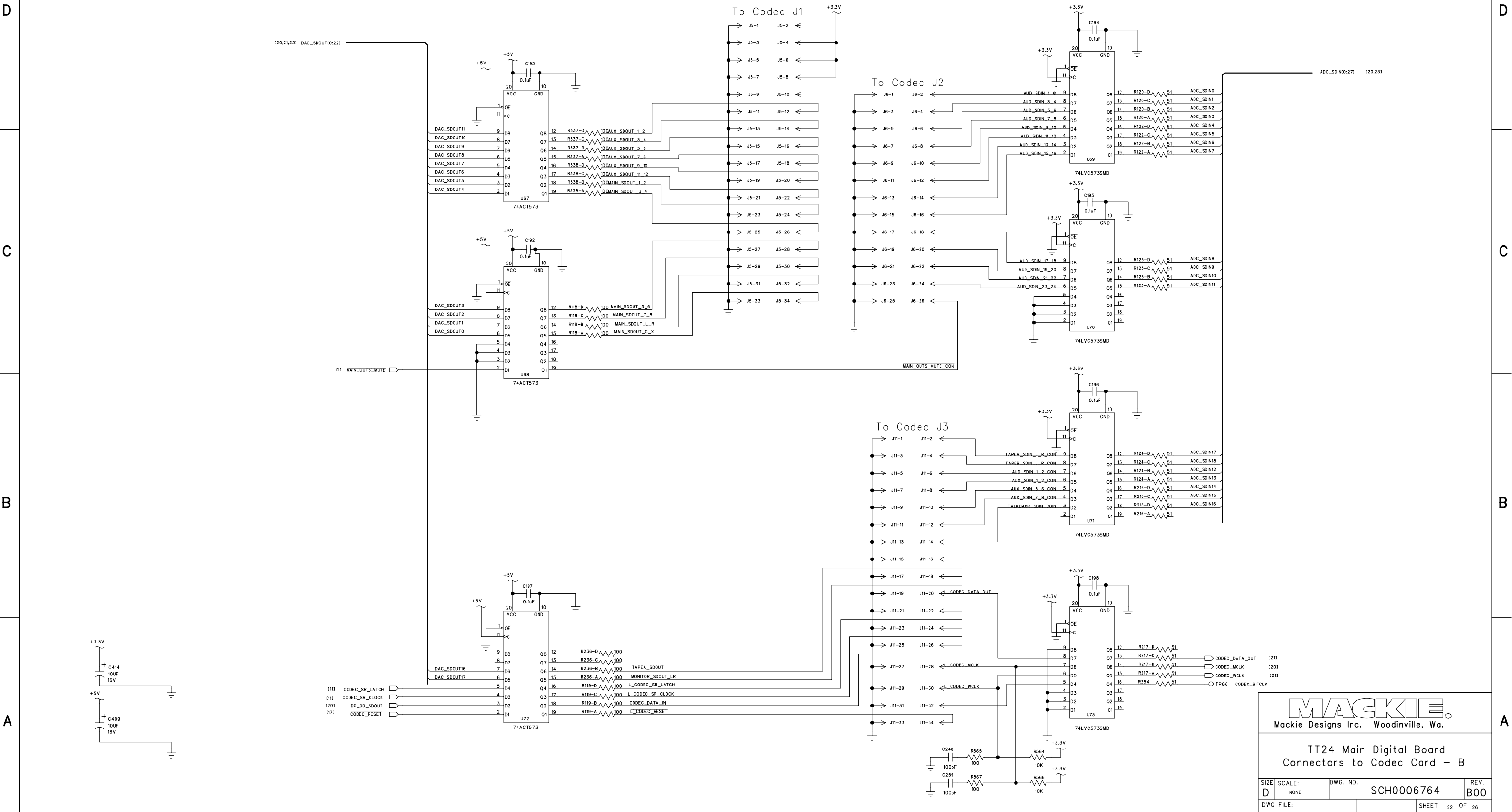


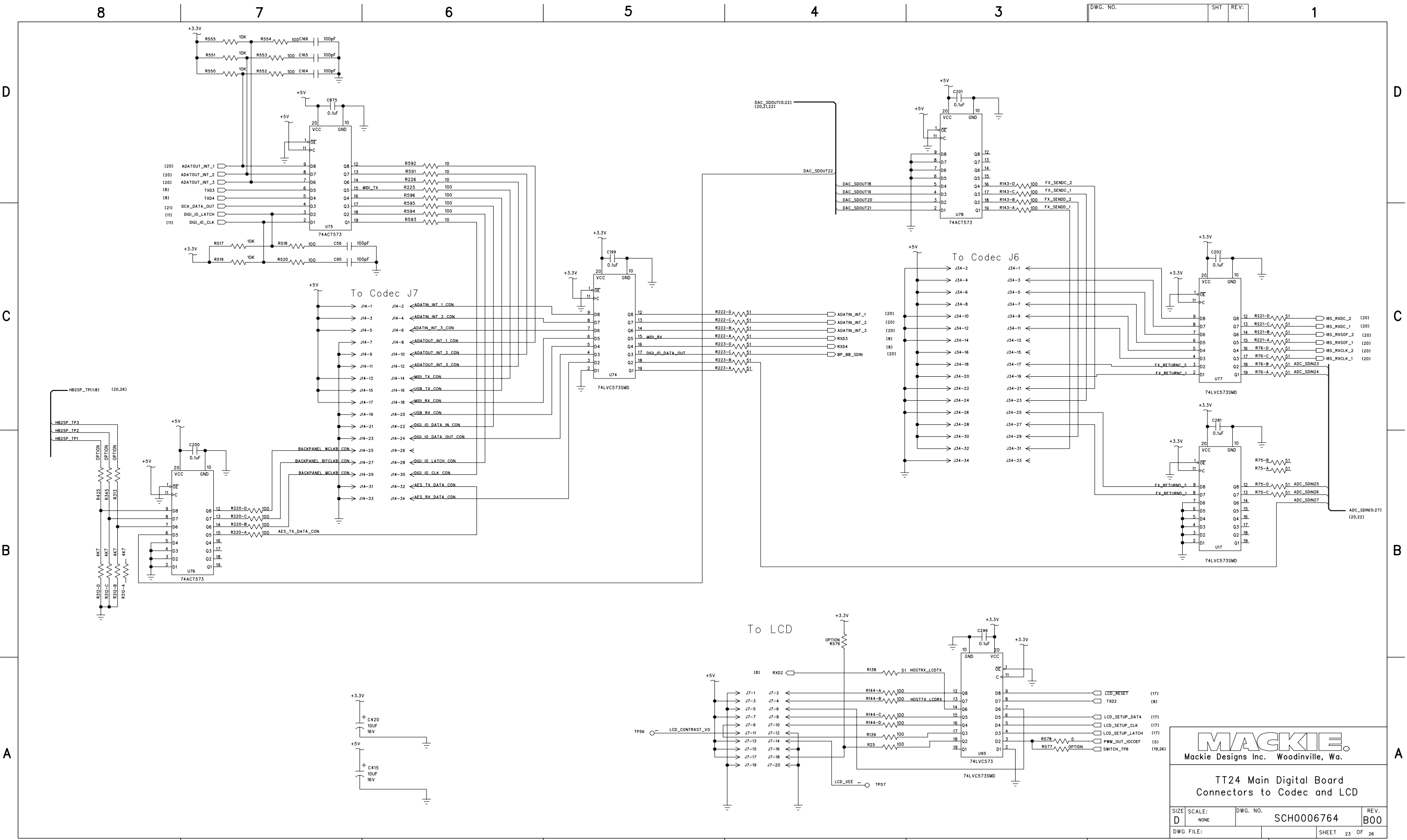
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TT24 Main Digital Board
Hbus-2-Sport Device

SIZE D	SCALE: NONE	DWG. NO. SCH0006764	REV. B00
DWG FILE:		SHEET 20 OF 26	







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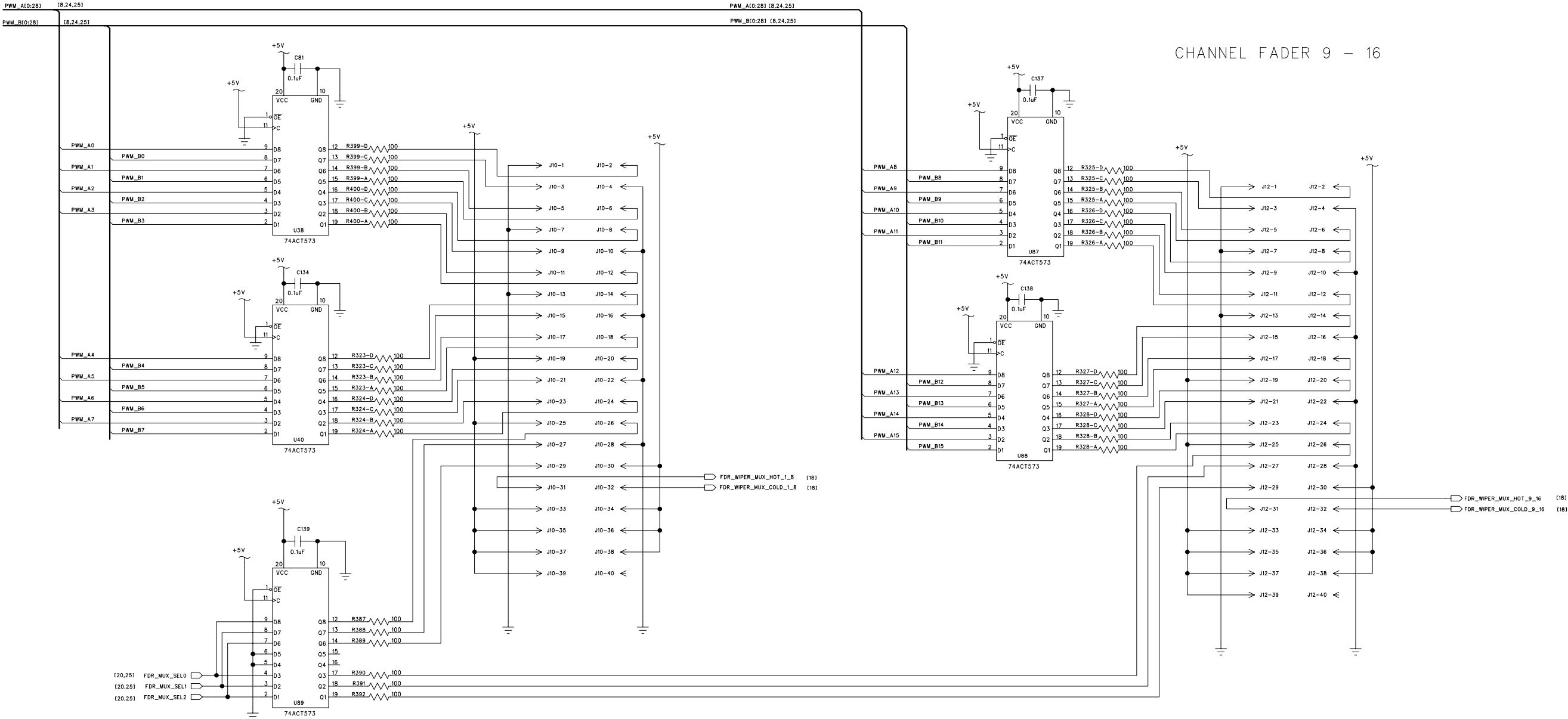
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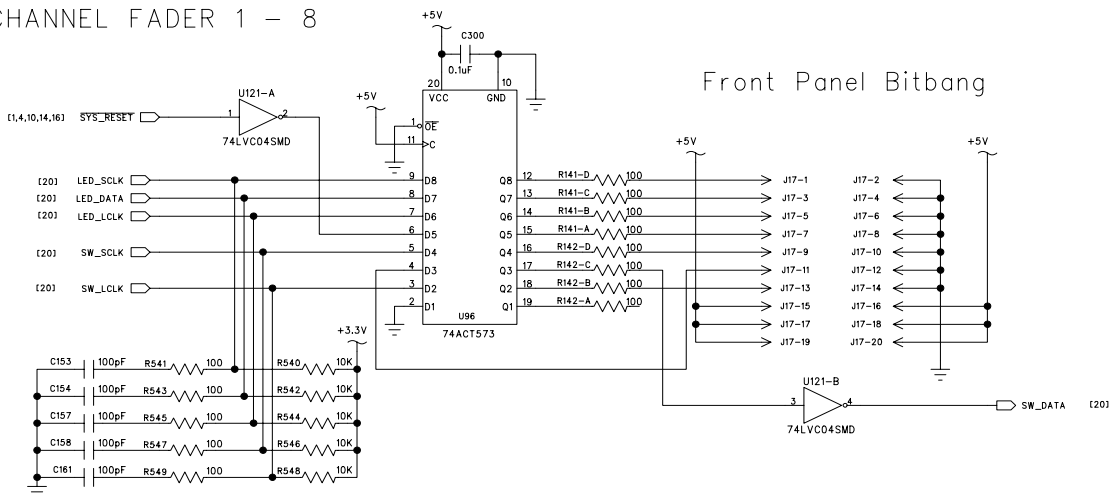
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CHANNEL FADER 1 - 8

Front Panel Bitbang



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TT24 Main Digital Board

Front Panel & Fader Connectors

SIZE: D

SCALE: NONE

DWG. NO. SCH0006764

REV. B00

DWG FILE:

SHEET 24 OF 26

