

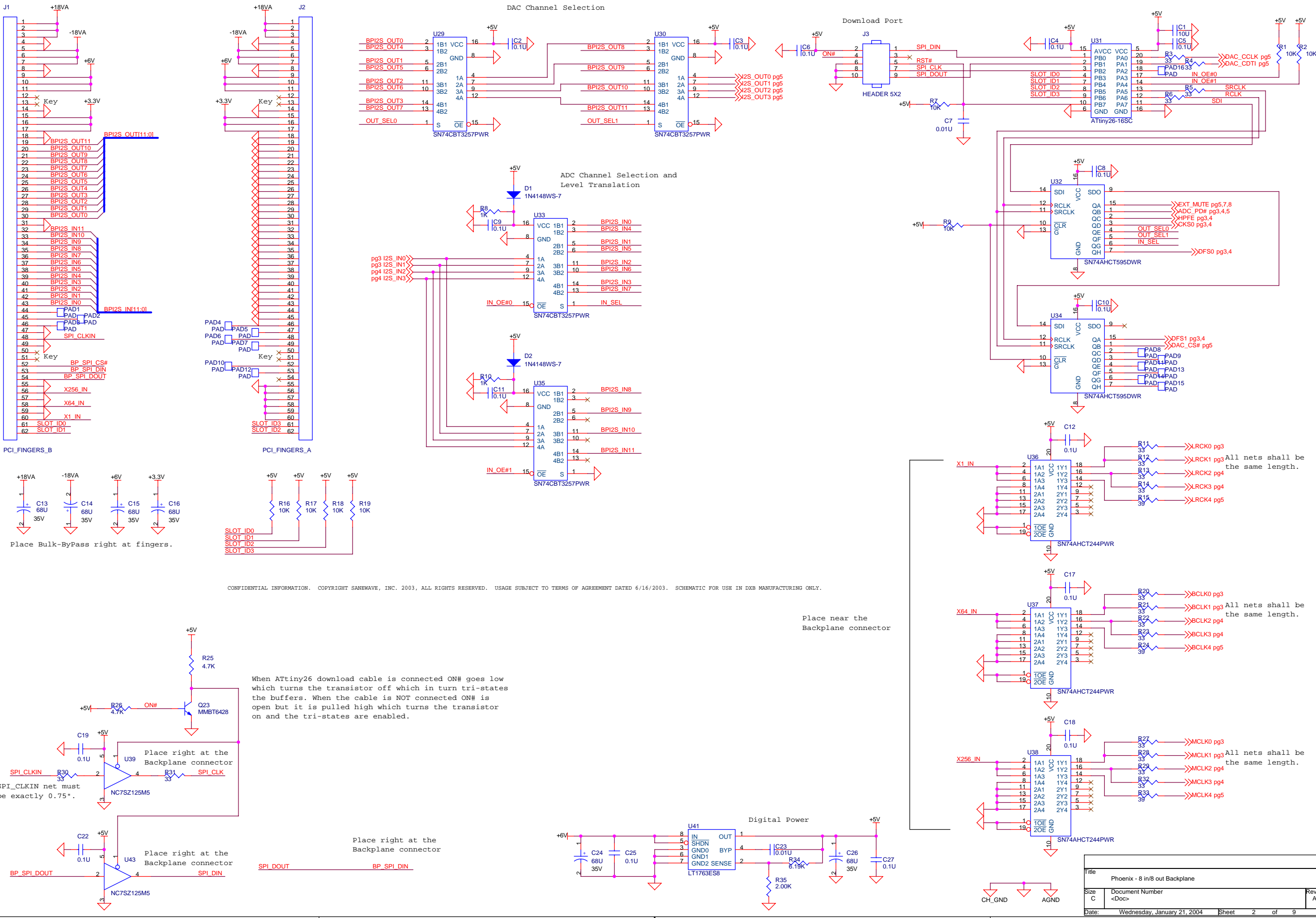
Phoenix 8 In 8 Out CODEC Cover Page



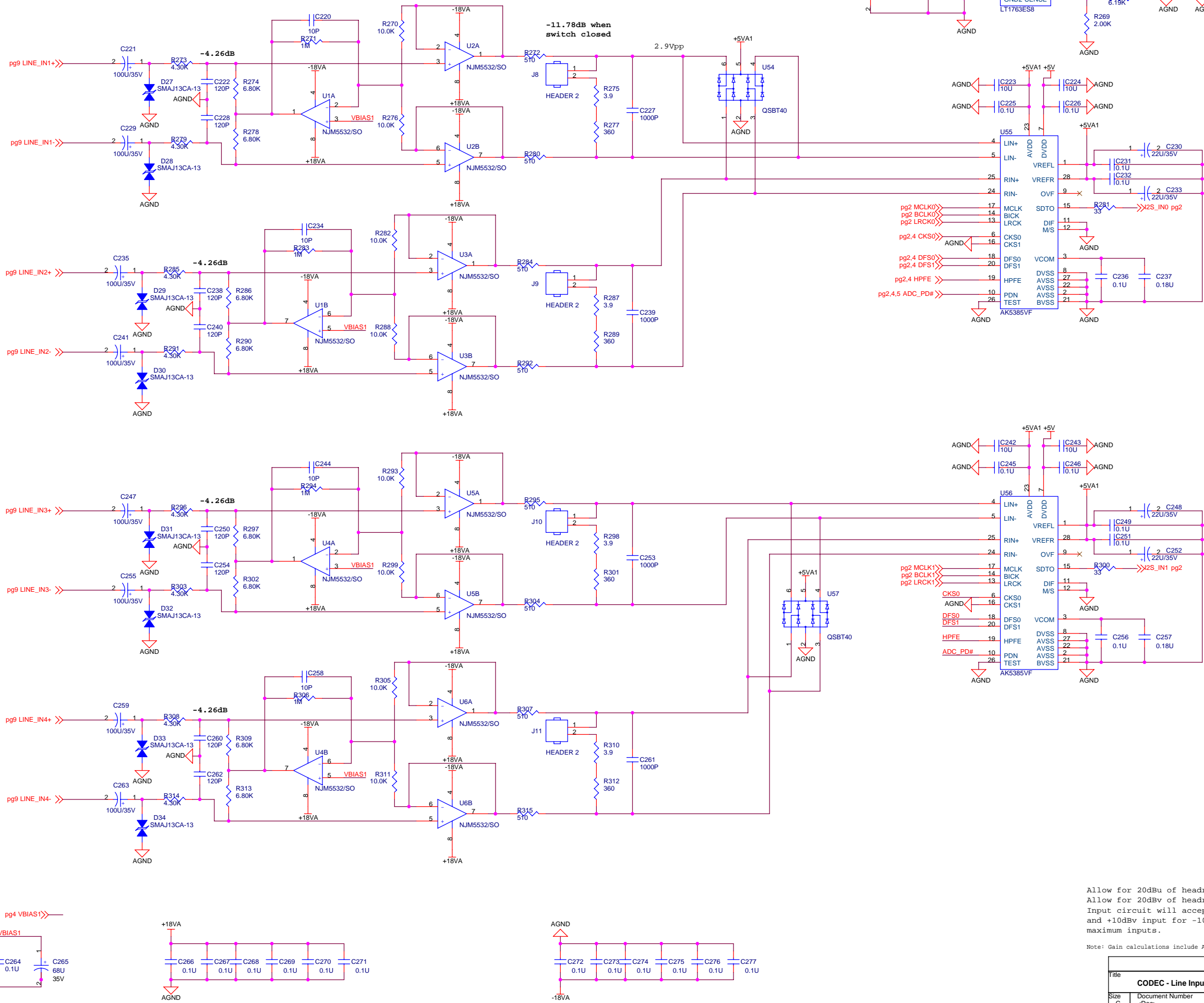
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Title		
Phoenix CODEC - Cover Page		
Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 1 of 9

Phoenix - 8 in/8 out Backplane



Line Inputs 1-4

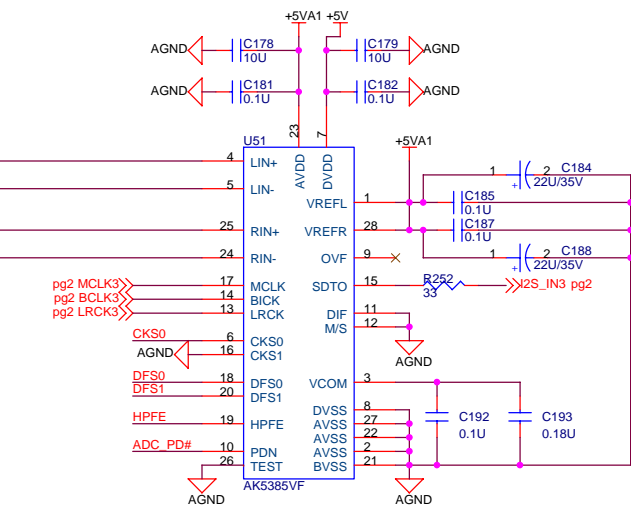
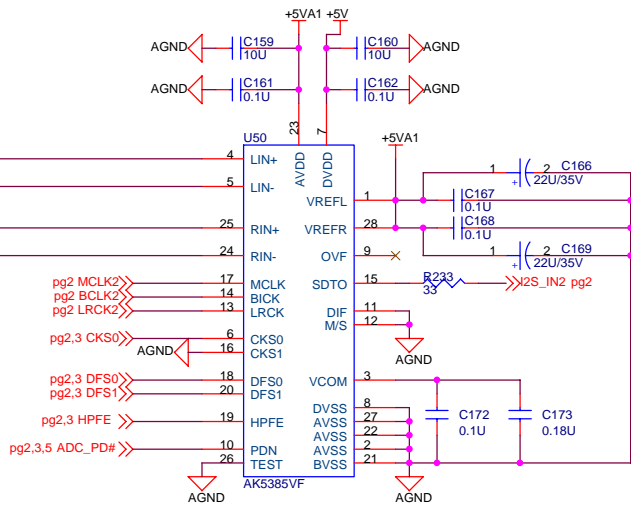
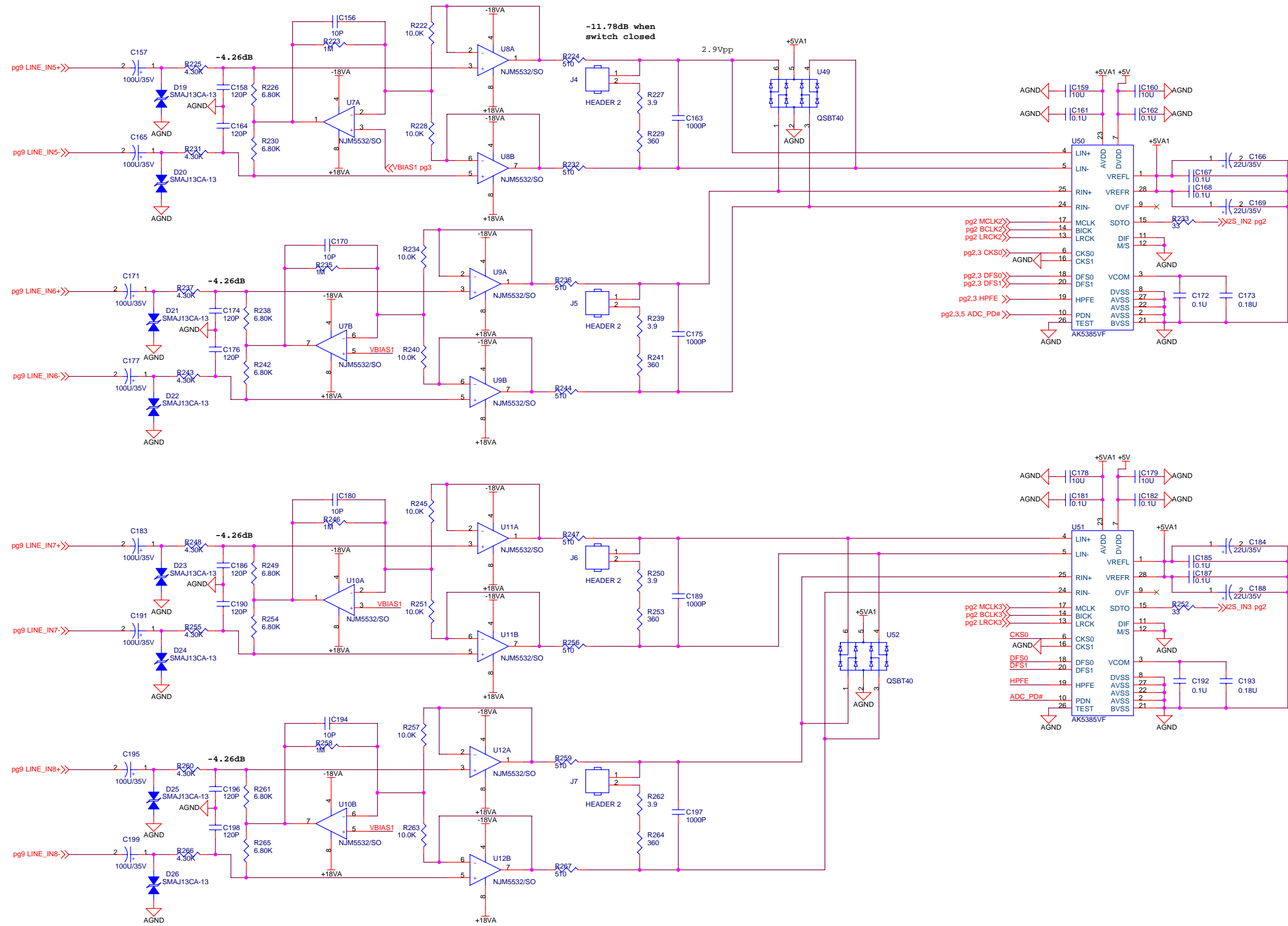


Allow for 20dBu of headroom for +4dbu mode (18Vpp).
Allow for 20dBv of headroom for -10dBv mode (4.5Vpp).
Input circuit will accept +24.5dBu input for +4dBu mode
and +10dBv input for -10dBv. 0dBFs for each of these
maximum inputs.

Note: Gain calculations include ADC input impedance of 13k typical at 48kHz.

Title			
CODEC - Line Inputs 1-4			
Size C	Document Number <Doc>		Rev A0
Date:	Wednesday, January 21, 2004	Sheet 3 of 9	

Line Inputs 5-8

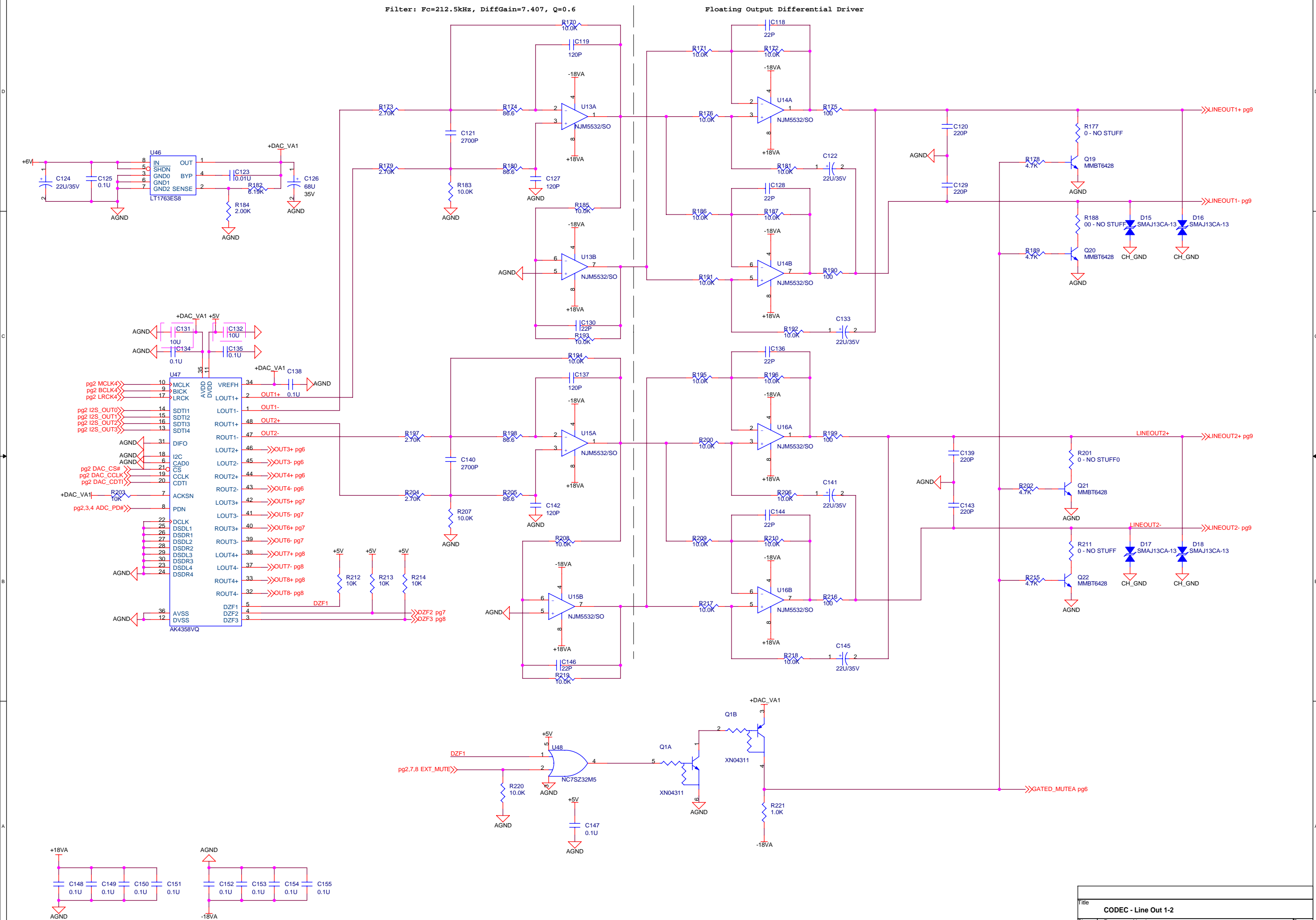


Allow for 20dBu of headroom for +4dbu mode (18Vpp).
Allow for 20dBv of headroom for -10dBv mode (4.5Vpp).
Input circuit will accept +24.5dBu input for +4dBu mode
and +10dBv input for -10dBv. 0dBFs for each of these
maximum inputs.

Note: Gain calculations include ADC input impedance of 13k typical at 48kHz.

Title		
CODEC - Line Inputs 5-8		
Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 4 of 9

Line Outs 1-2

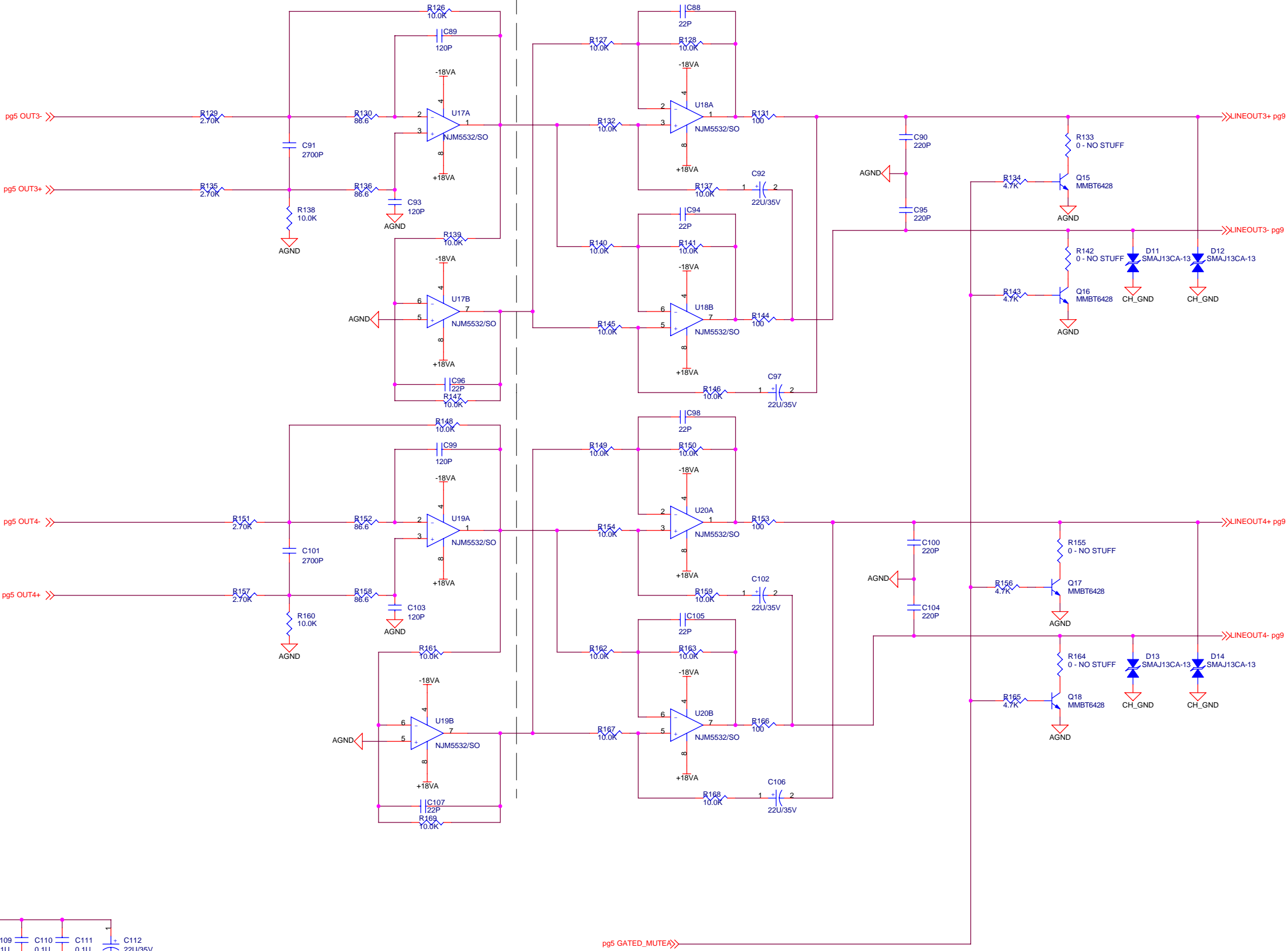


Title				
CODEC - Line Out 1-2				
Size C	Document Number <Doc>			Rev A
Date:	Wednesday, January 21, 2004		Sheet	5 of 9

Line Outs 3-4

Filter: Fc=212.5kHz, DiffGain=7.407, Q=0.6

Floating Output Differential Driver

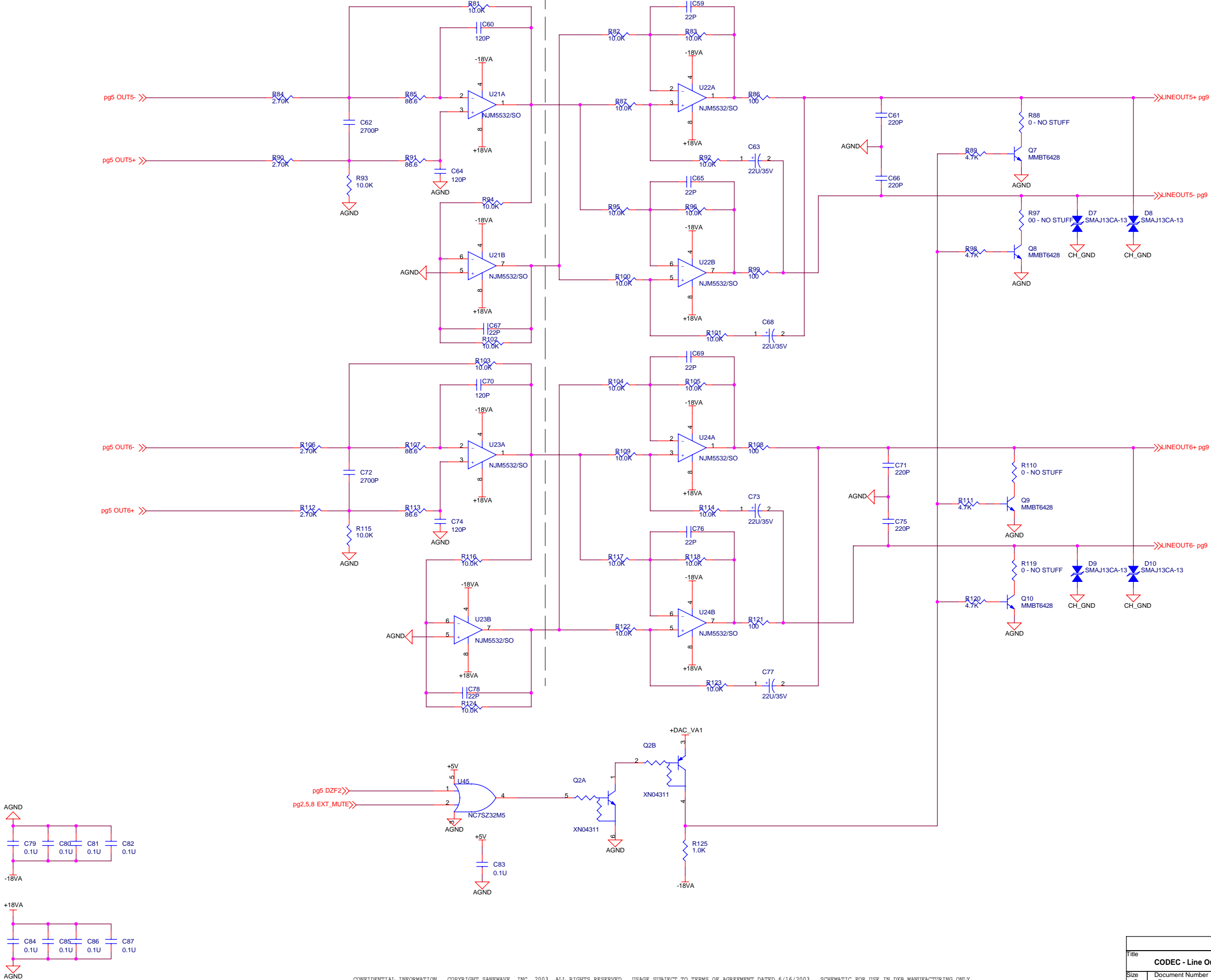


Title		
CODEC - Line Out 3-4		
Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 6 of 9

Line Outs 5-6

Filter: Fc=212.5kHz, DiffGain=7.407, Q=0.6

Floating Output Differential Driver

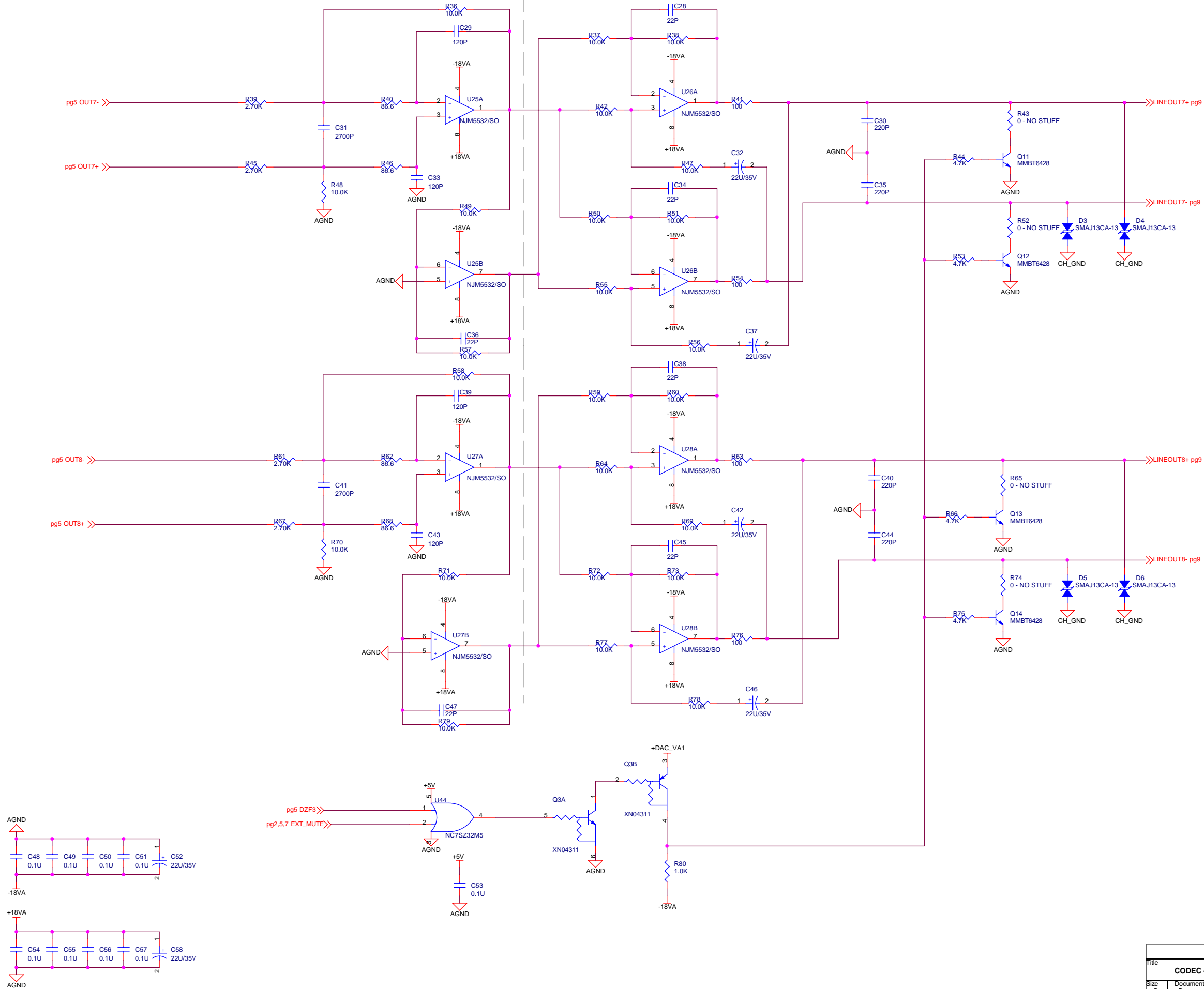


Title		
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Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 7 of 9

Line Outs 7-8

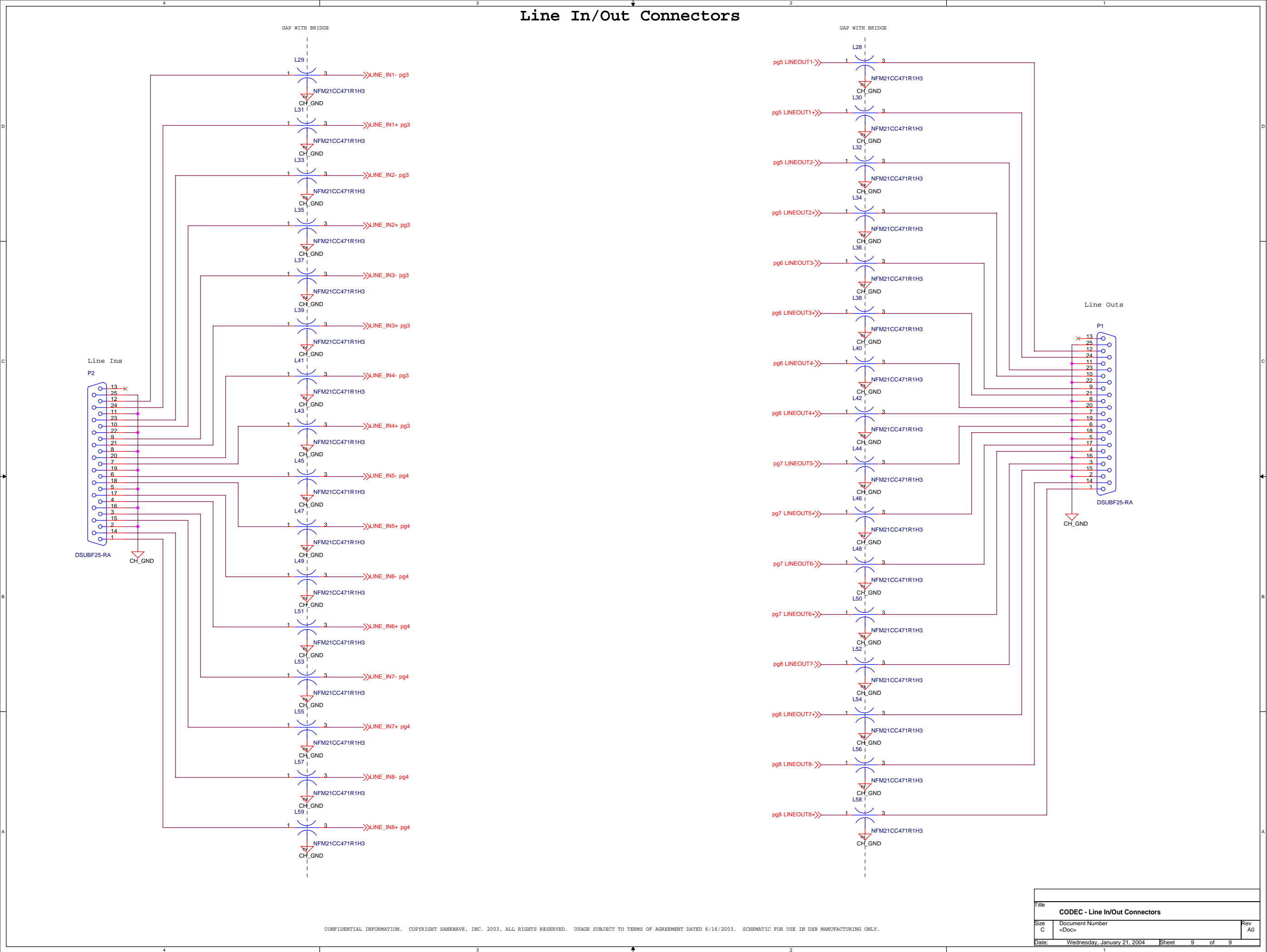
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Floating Output Differential Driver



Title		
CODEC - Line Out 7-8		
Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 8 of 9

Line In/Out Connectors



Title		
CODEC - Line In/Out Connectors		
Size	Document Number	Rev
C	<Doc>	A0
Date:	Wednesday, January 21, 2004	Sheet 9 of 9