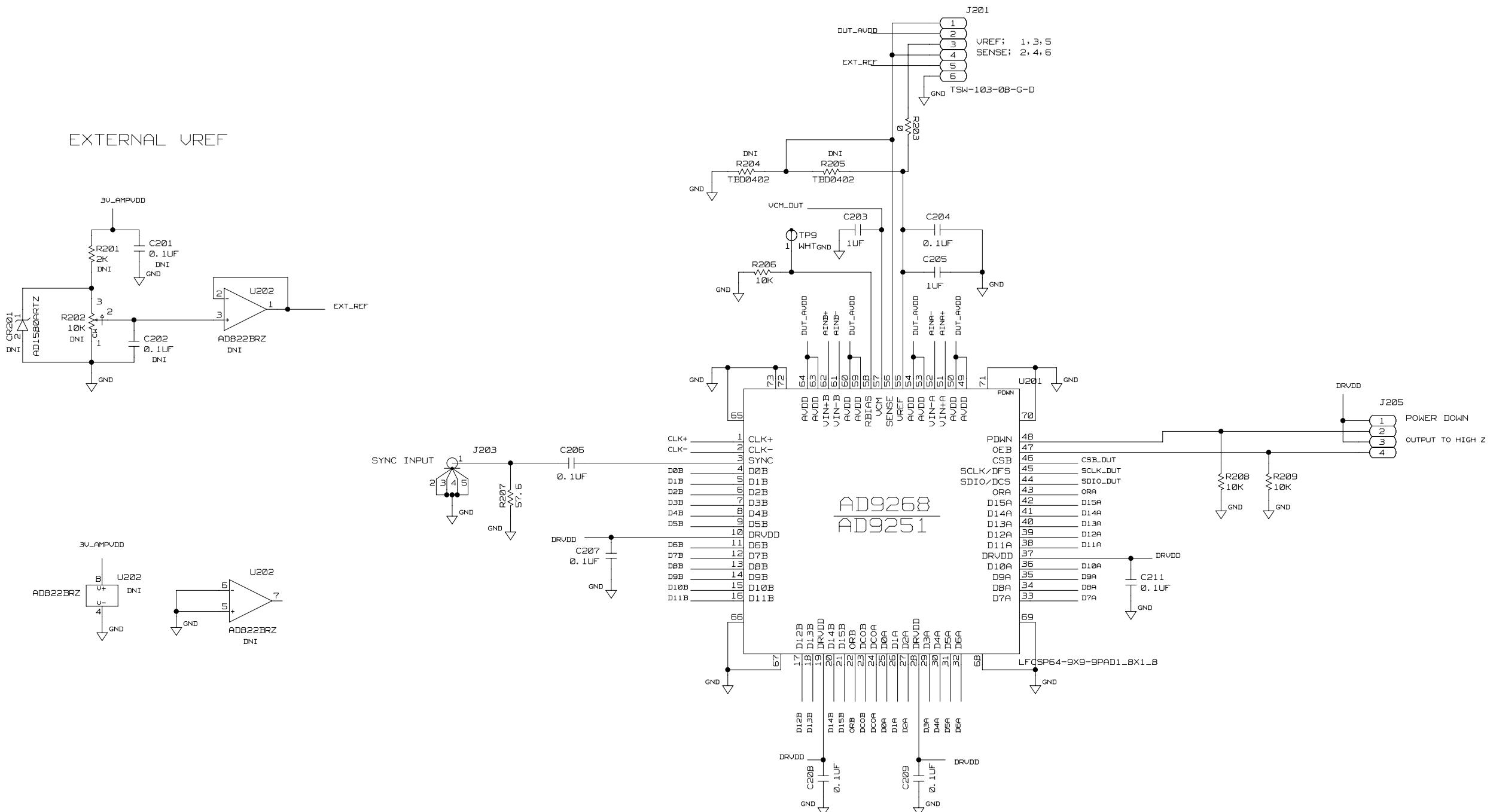


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EXTERNAL VREF

AD9268
AD9251ANALOG
DEVICES

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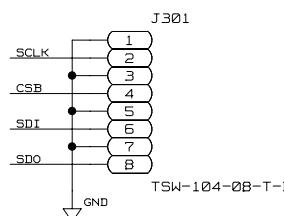
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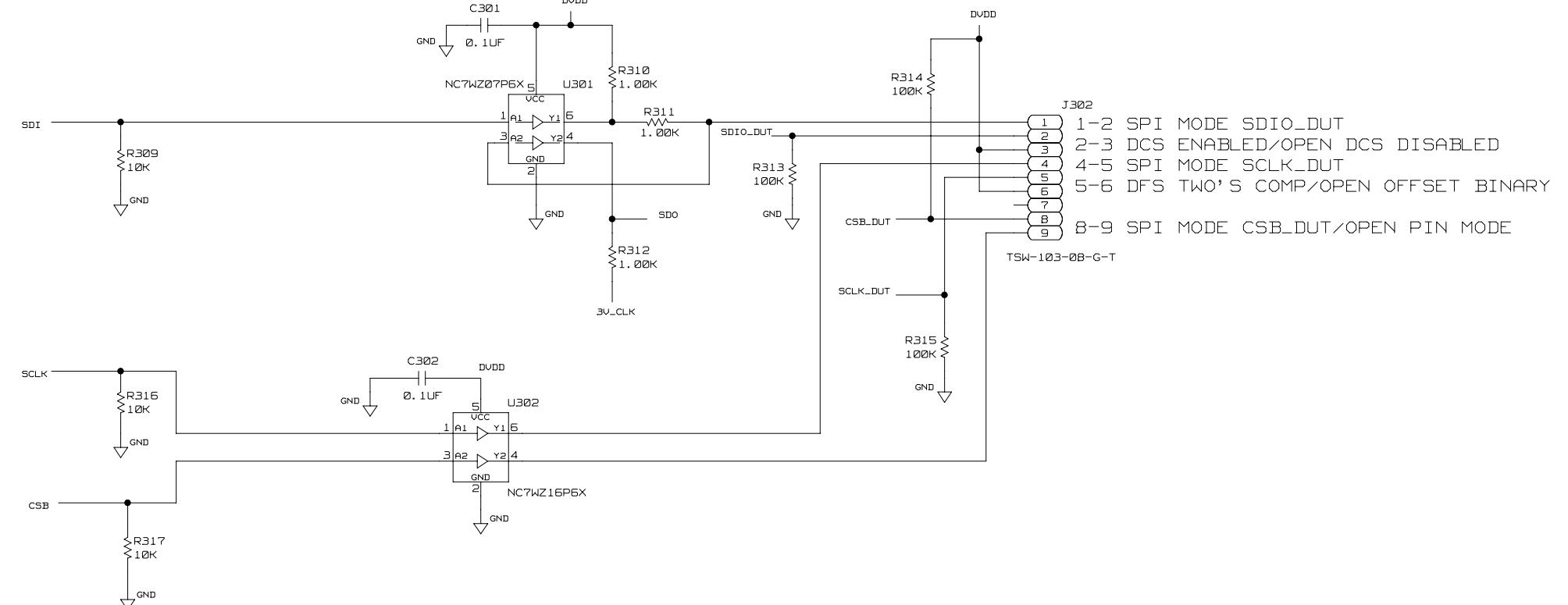
REV	DESCRIPTION	DATE	APPROVED

SPI CIRCUITRY



USB_SDI R301 \rightarrow SDI
USB_SCLK R302 \rightarrow SCLK
USB_CS R303 \rightarrow CSB
USB_SDO R304 \rightarrow SDO

FPGA_SDI R305 \rightarrow SDI
FPGA_SCLK R306 \rightarrow SCLK
FPGA_CS R307 \rightarrow CSB
FPGA_SDO R308 \rightarrow SDO



- 1-2 SPI MODE SDIO_DUT
2-3 DCS ENABLED/OPEN DCS DISABLED
4-5 SPI MODE SCLK_DUT
5-6 DFS TWO'S COMP/OPEN OFFSET BINARY
8-9 SPI MODE CSB_DUT/OPEN PIN MODE



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AD9268 / AD9251
<PRODUCT_1>

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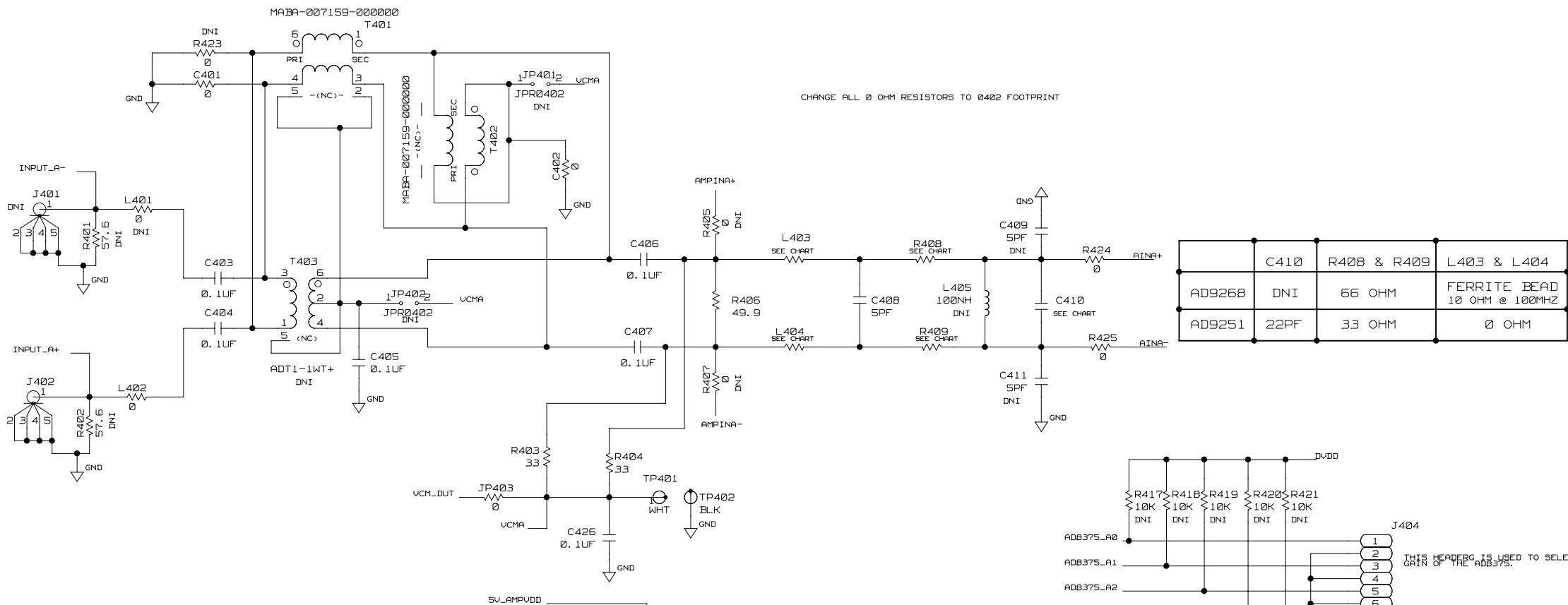
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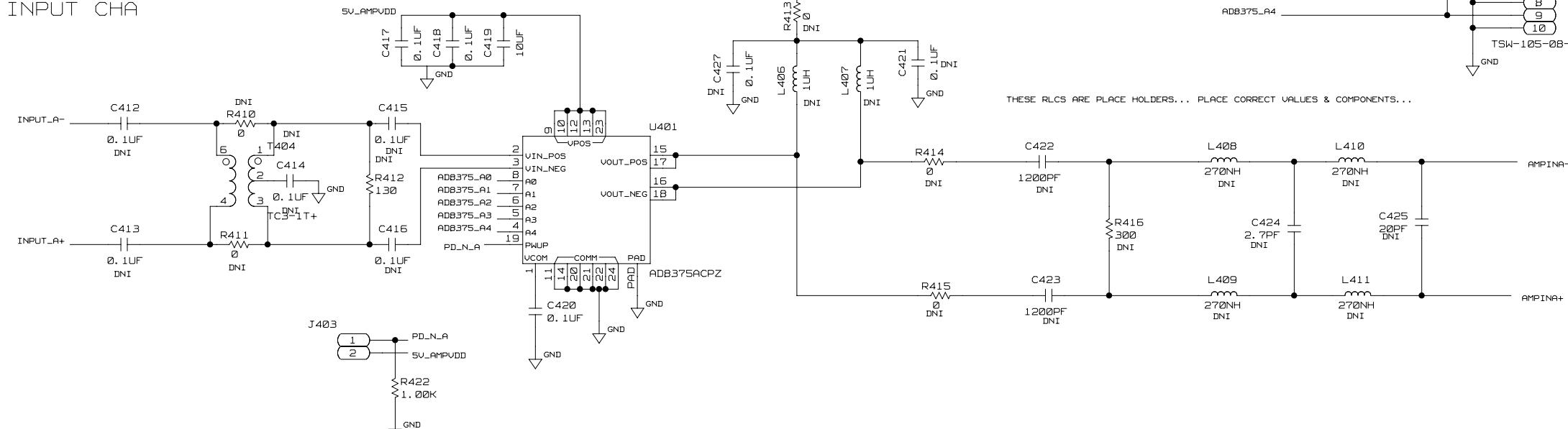
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REV	DESCRIPTION	DATE	APPROVED

DEFAULT ANALOG INPUT CIRCUITRY CHA



OPTIONAL ANALOG INPUT CHA



ANALOG
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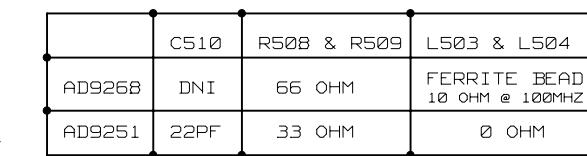
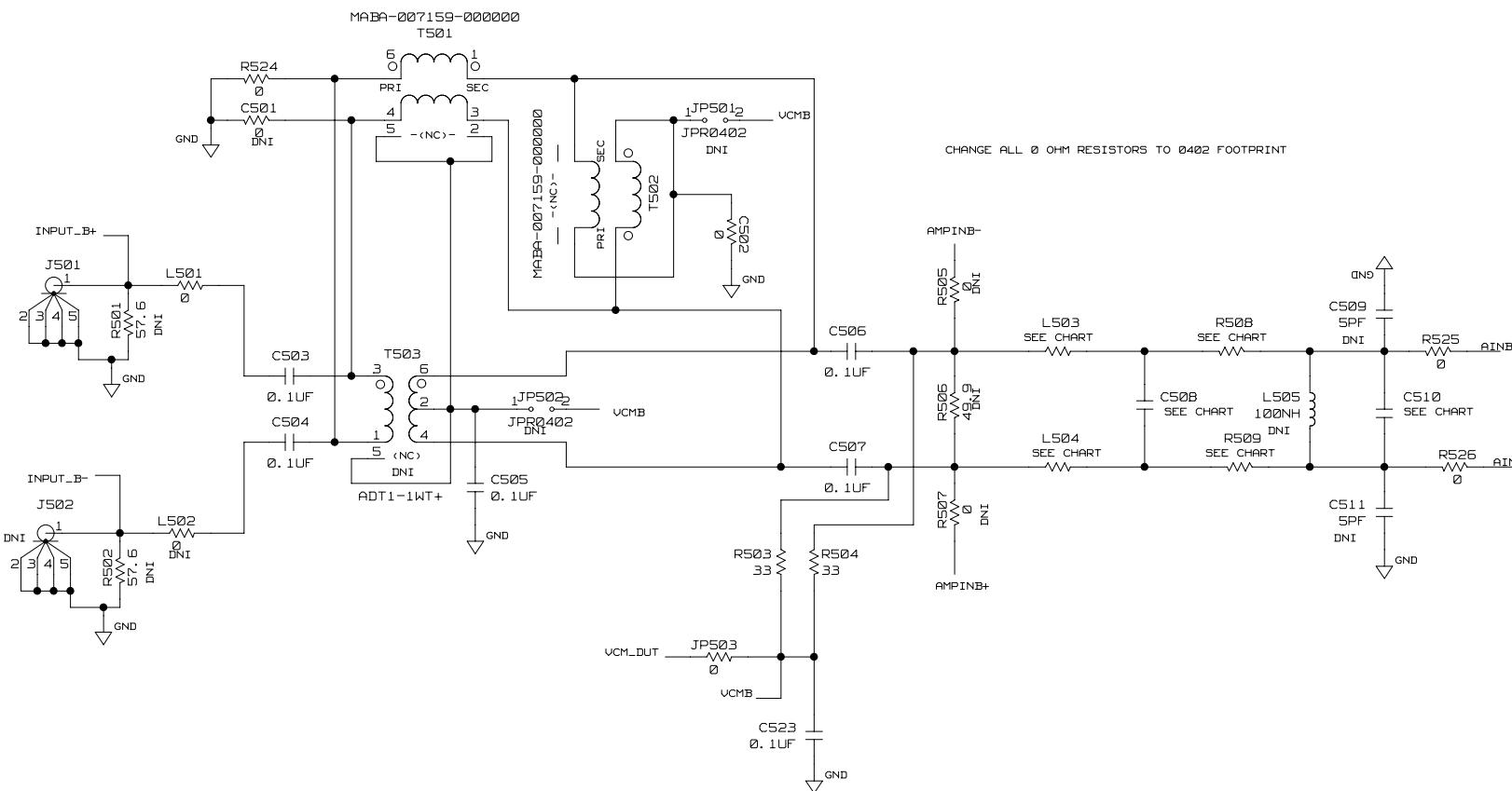
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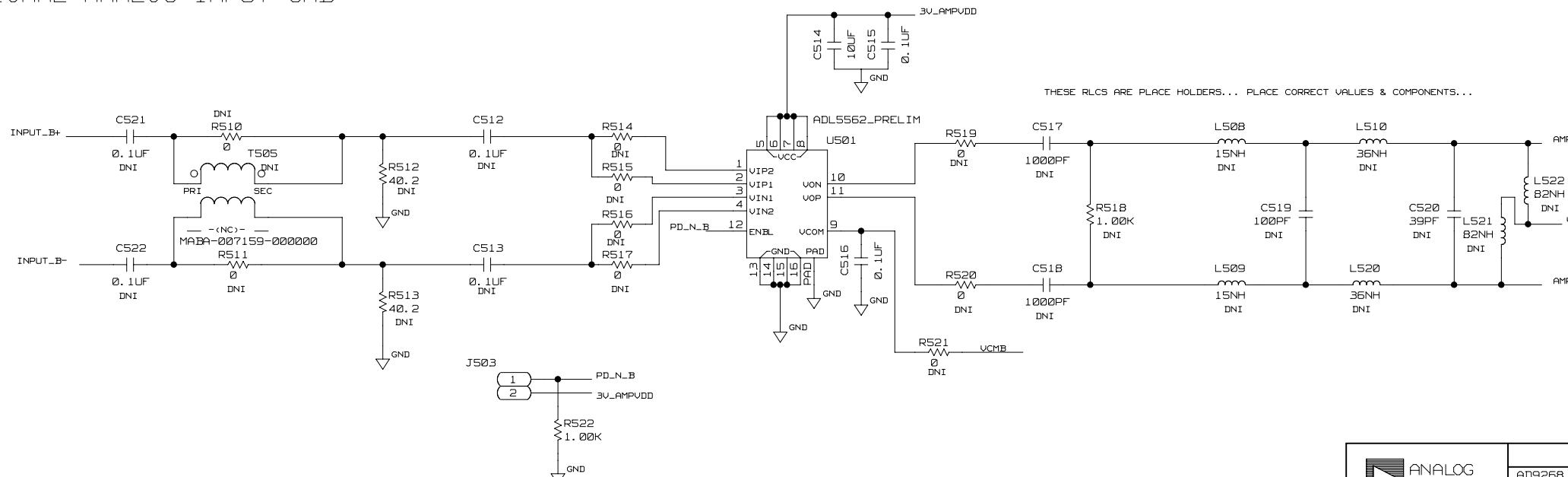
REVISIONS

REV	DESCRIPTION	DATE	APPROVED

DEFAULT ANALOG INPUT CIRCUITRY CHB



OPTIONAL ANALOG INPUT CHB



ANALOG
DEVICES

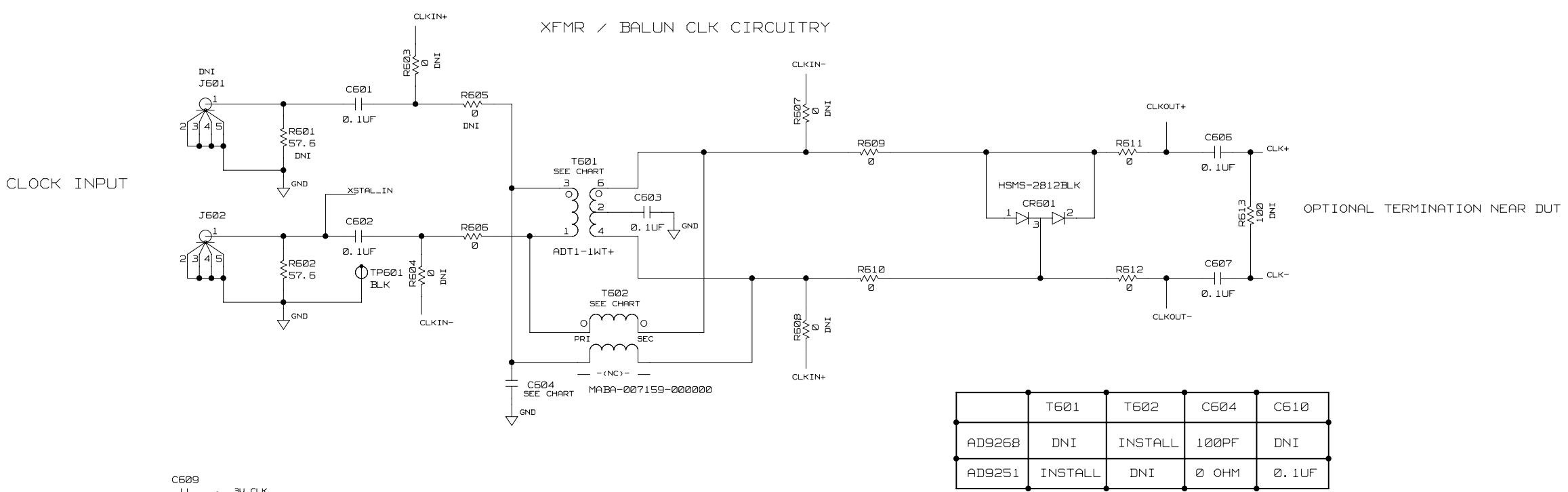
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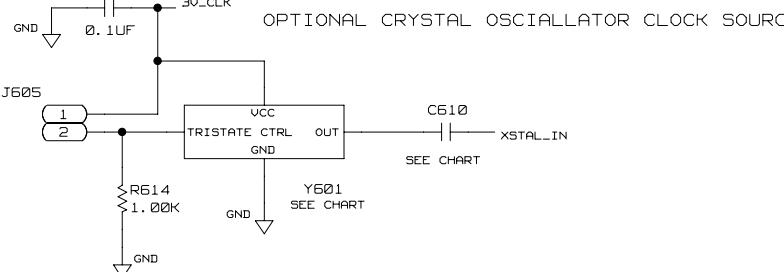
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SHEET 6 OF 10

REV	DESCRIPTION	DATE	APPROVED



	T601	T602	C604	C610
AD9268	DNI	INSTALL	100PF	DNI
AD9251	INSTALL	DNI	0 OHM	0.1UF



CRYSTAL Y601 TO MATCH PRODUCT SPEED GRADE
(X - AVAILABLE SPEED GRADE)

	20MHZ	40MHZ	65MHZ	80MHZ	105MHZ	125MHZ
AD9204	X	X	X	X		
AD9231	X	X	X	X		
AD9251	X	X	X	X		
AD9269	X	X	X	X		
AD9268				X	X	X
AD9258				X	X	X
AD6659				X		
AD6658				X	X	X

ANALOG
DEVICES

SCHEMATIC

AD9268 / AD9251 CUSTOMER EVAL
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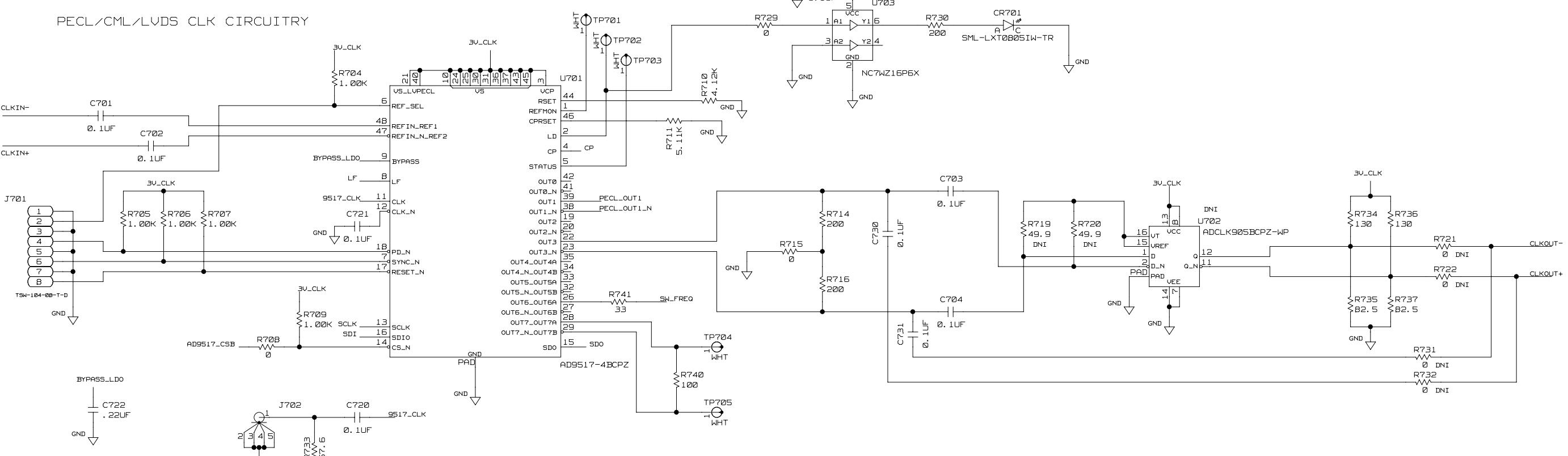
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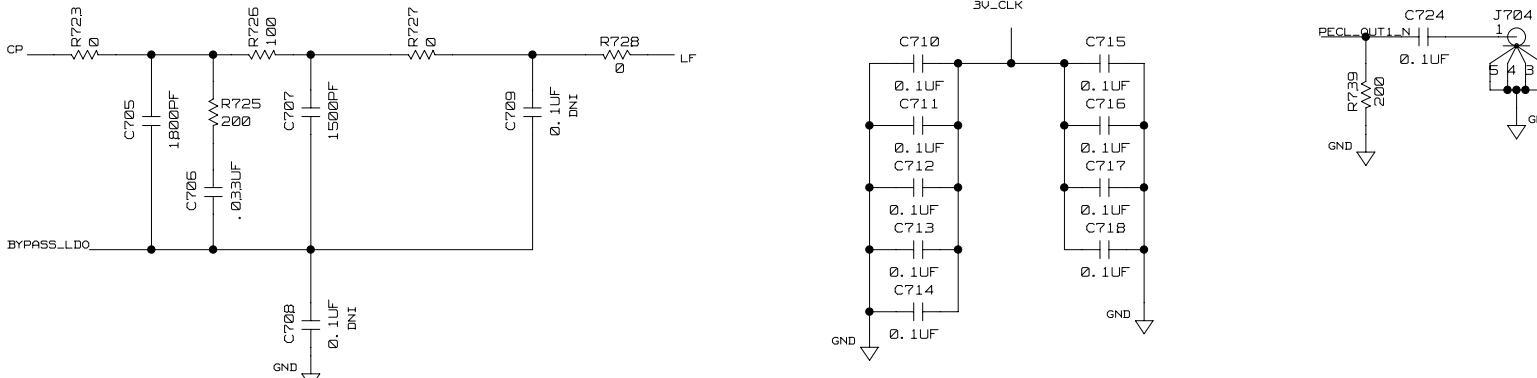
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PECL/CML/LVDS CLK CIRCUITRY



CHARGE PUMP FILTER



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<PRODUCT_1>

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PTD ENGINEER
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SIZE
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SHEET 8 OF 10

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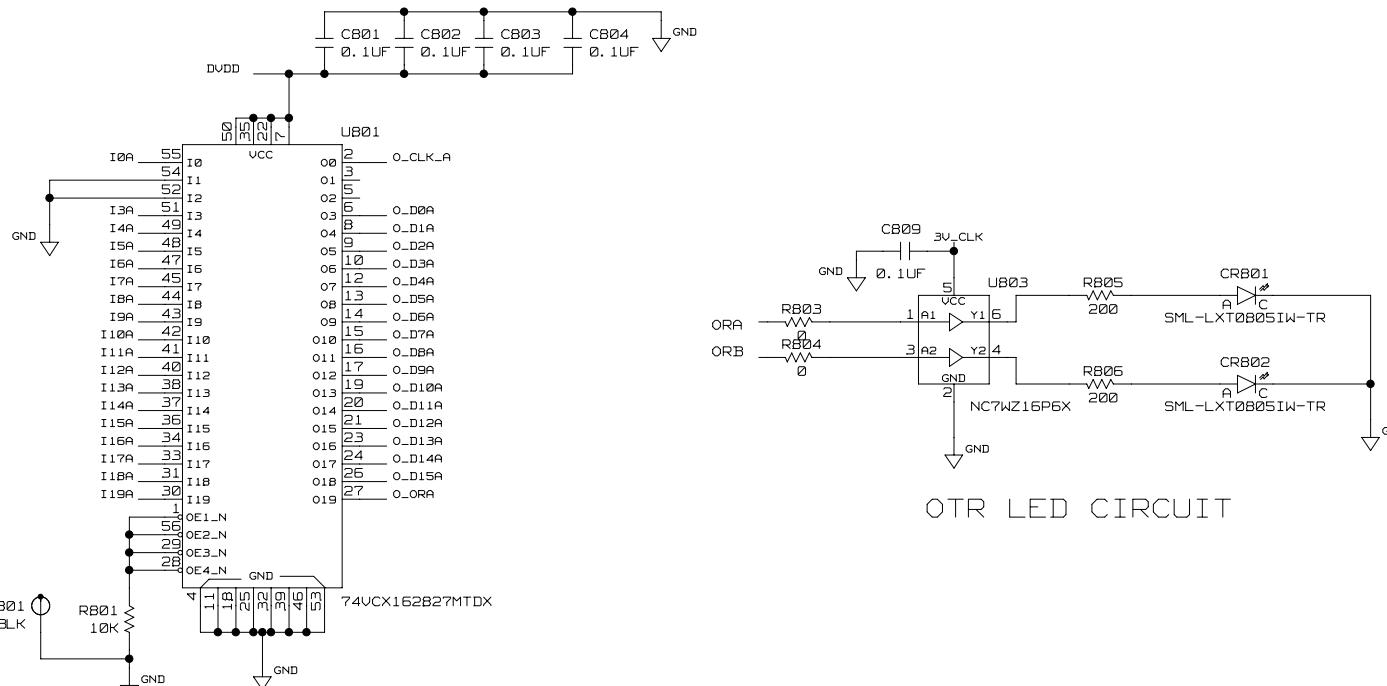
SERIES RESISTORS

CHANNEL B

RNB01 3VW5 I19B
SEE CHART
ORB 4VW5 I18B
SEE CHART
RNB08 1VW8 I17B
SEE CHART
RNB08 RNB08
D14B 2VW7 I16B
SEE CHART
RNB08 RNB08
D13B 3VW6 I15B
SEE CHART
RNB08 RNB08
D12B 4VW5 I14B
SEE CHART
RNB05 1VW8 I13B
SEE CHART
RNB05 D10B 2VW7 I12B
SEE CHART
RNB05 3VW6 I11B
SEE CHART
RNB05 4VW5 I10B
SEE CHART
RNB09 1VW8 I9B
SEE CHART
RNB09 D6B 2VW7 I8B
SEE CHART
RNB09 3VW6 I7B
SEE CHART
RNB09 RNB09
D4B 4VW5 I6B
SEE CHART
RNB04 1VW8 I5B
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SEE CHART

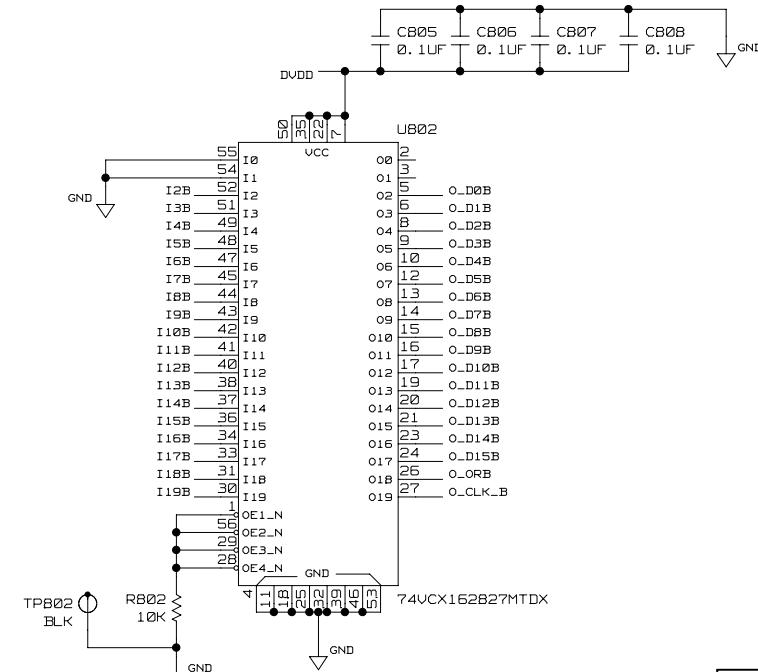
CHANNEL A

RNB03 1VW8 I19A
SEE CHART
D15A 2VW7 I18A
SEE CHART
RNB03 RNB03
D14A 3VW6 I17A
SEE CHART
RNB03 4VW5 I16A
SEE CHART
RNB07 1VW8 I15A
SEE CHART
RNB07 RNB07
D11A 2VW7 I14A
SEE CHART
RNB07 3VW6 I13A
SEE CHART
RNB07 D9A 4VW5 I12A
SEE CHART
RNB02 1VW8 I11A
SEE CHART
RNB02 D7A 2VW7 I10A
SEE CHART
RNB02 3VW6 I9A
SEE CHART
RNB02 D5A 4VW5 I8A
SEE CHART
D4A 1VW8 I7A
SEE CHART
RNB06 2VW7 I6A
SEE CHART
D3A 3VW6 I5A
SEE CHART
RNB06 D2A 4VW5 I4A
SEE CHART
D0A 1VW8 I3A
SEE CHART
RNB01 2VW7 I0A
SEE CHART
DC0A 2VW7 I0A
SEE CHART



OUTPUT BUFFERS

	RNB01	RNB02	RNB03	RNB04
AD9268	22 OHM	22 OHM	22 OHM	22 OHM
AD9251	220 OHM	220 OHM	220 OHM	220 OHM

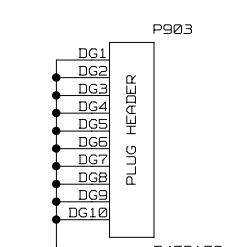
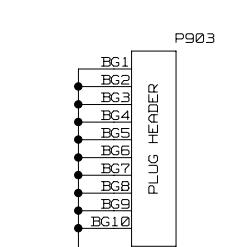
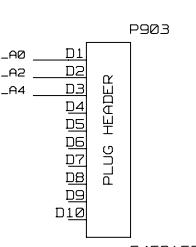
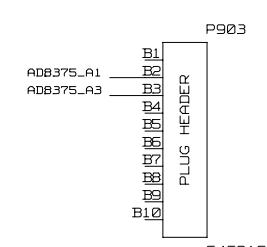
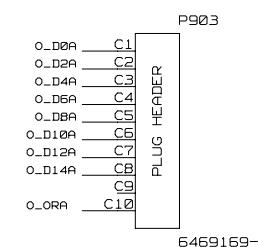
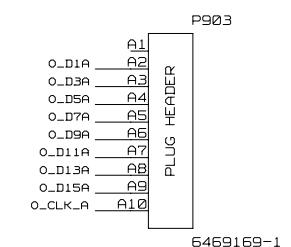
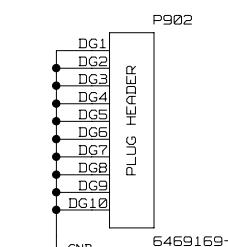
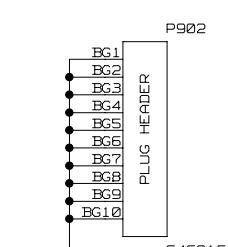
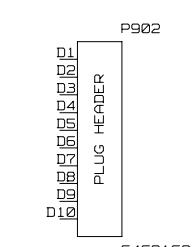
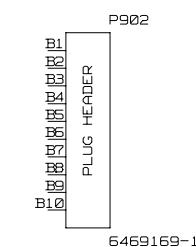
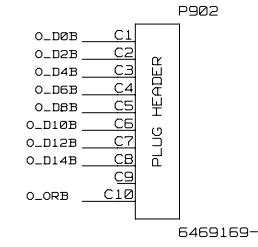
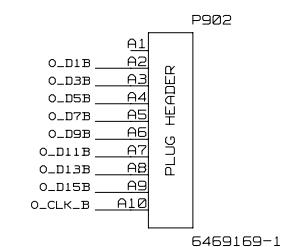
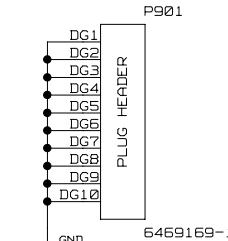
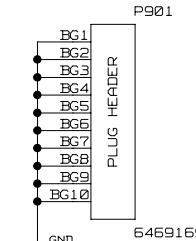
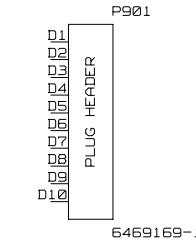
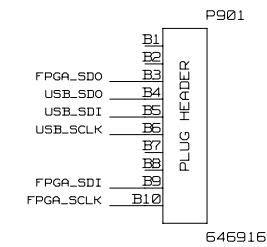
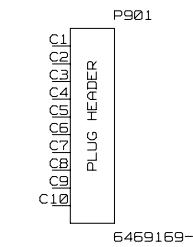
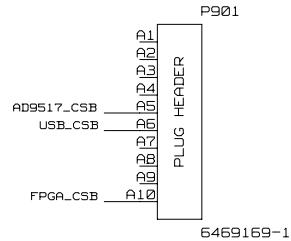
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- SHEET 9 OF 10

REVISIONS

REV	DESCRIPTION	DATE	APPROVED



FIFO 5 CONNECTIONS

ANALOG
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