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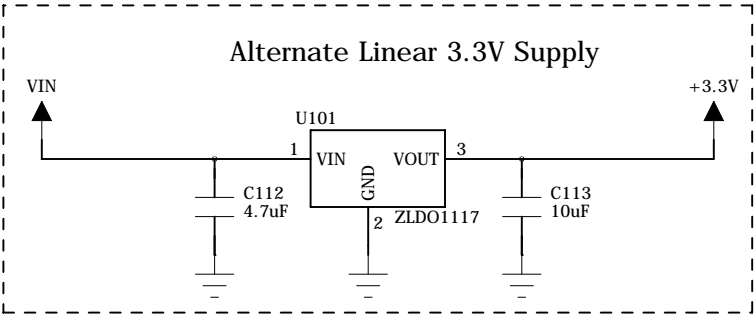
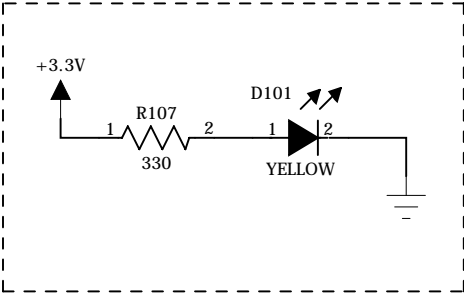
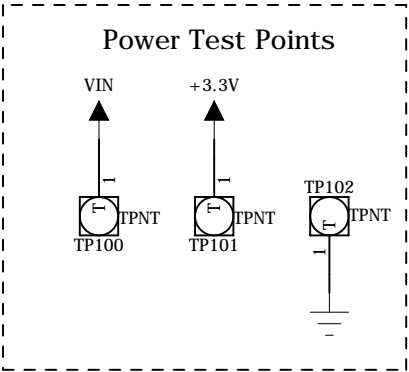
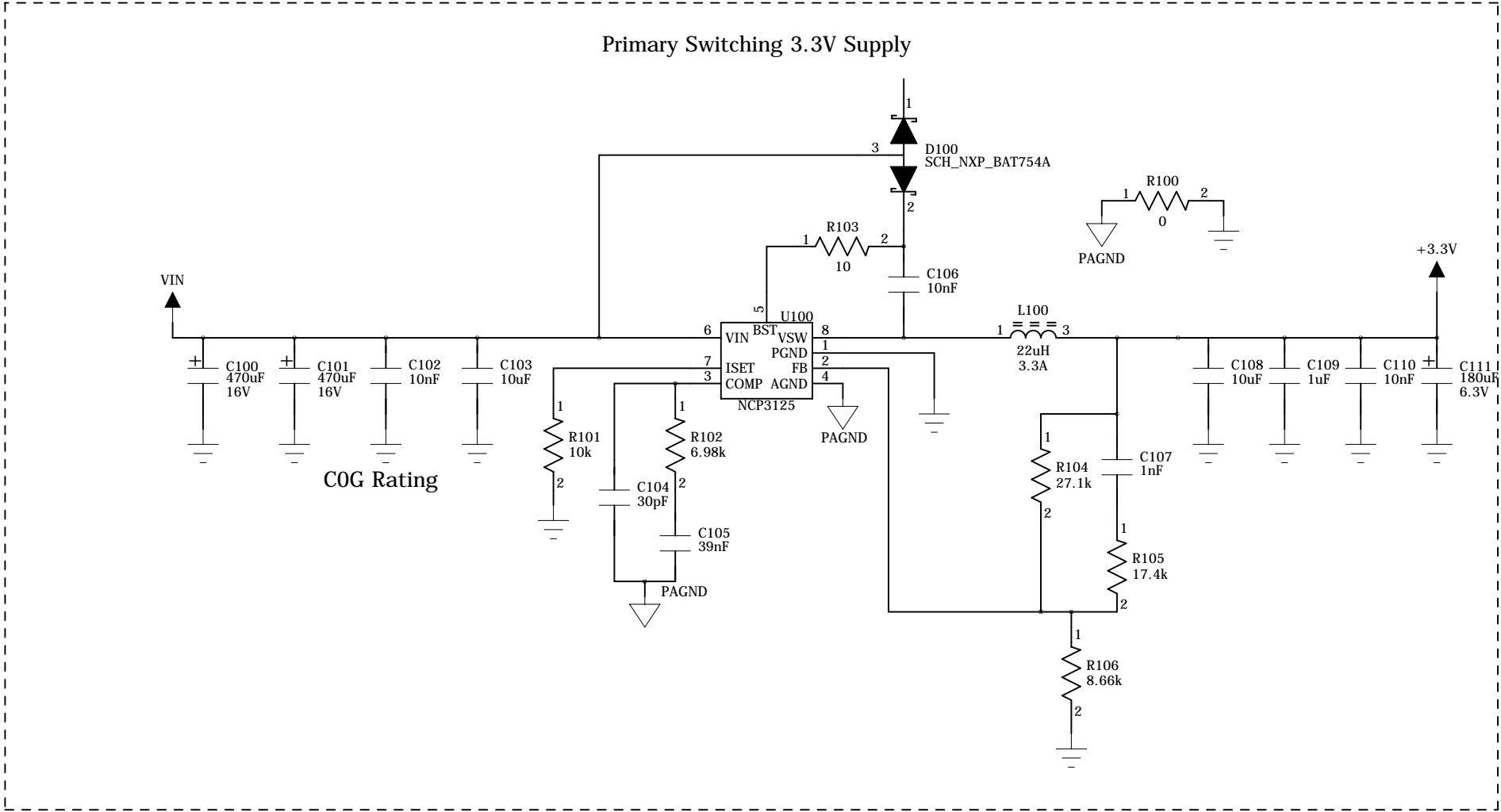
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3.3V Power Supply



DRAWN:	C. Hyman	DATED:	18 Jan 2011
CHECKED:	C. Hyman	DATED:	18 Jan 2011
RELEASED:	C. Hyman	DATED:	18 Jan 2011

PROJECT: 2011 OSURC Mars Rover			
TITLE: Mainboard			
CODE: R	SIZE: B	DRAWING NO: R-E-05-01	REV: 2
SCALE: N/A			SHEET: 1 OF 7

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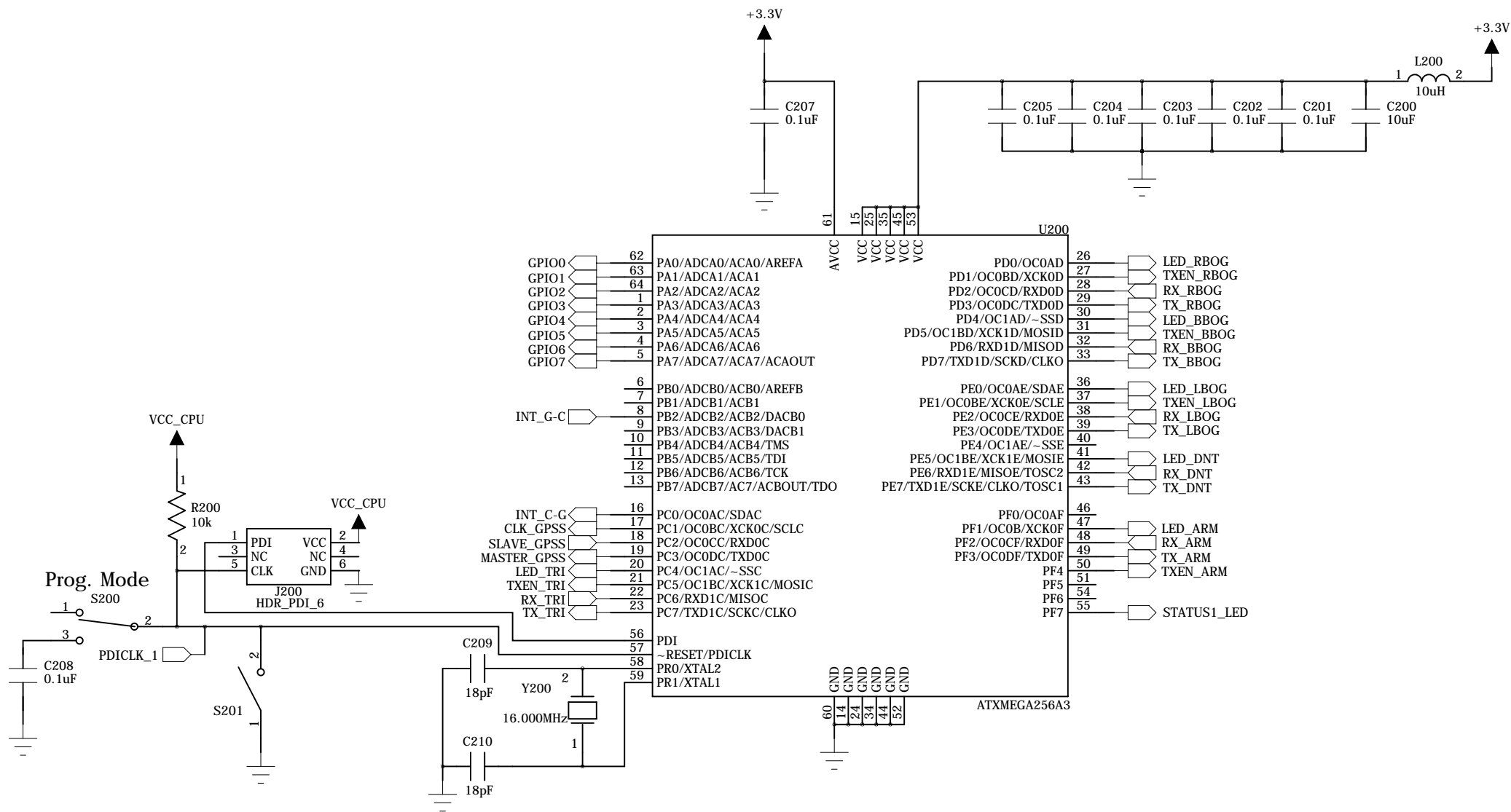
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Main Controller



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GPS/Sensor Interface

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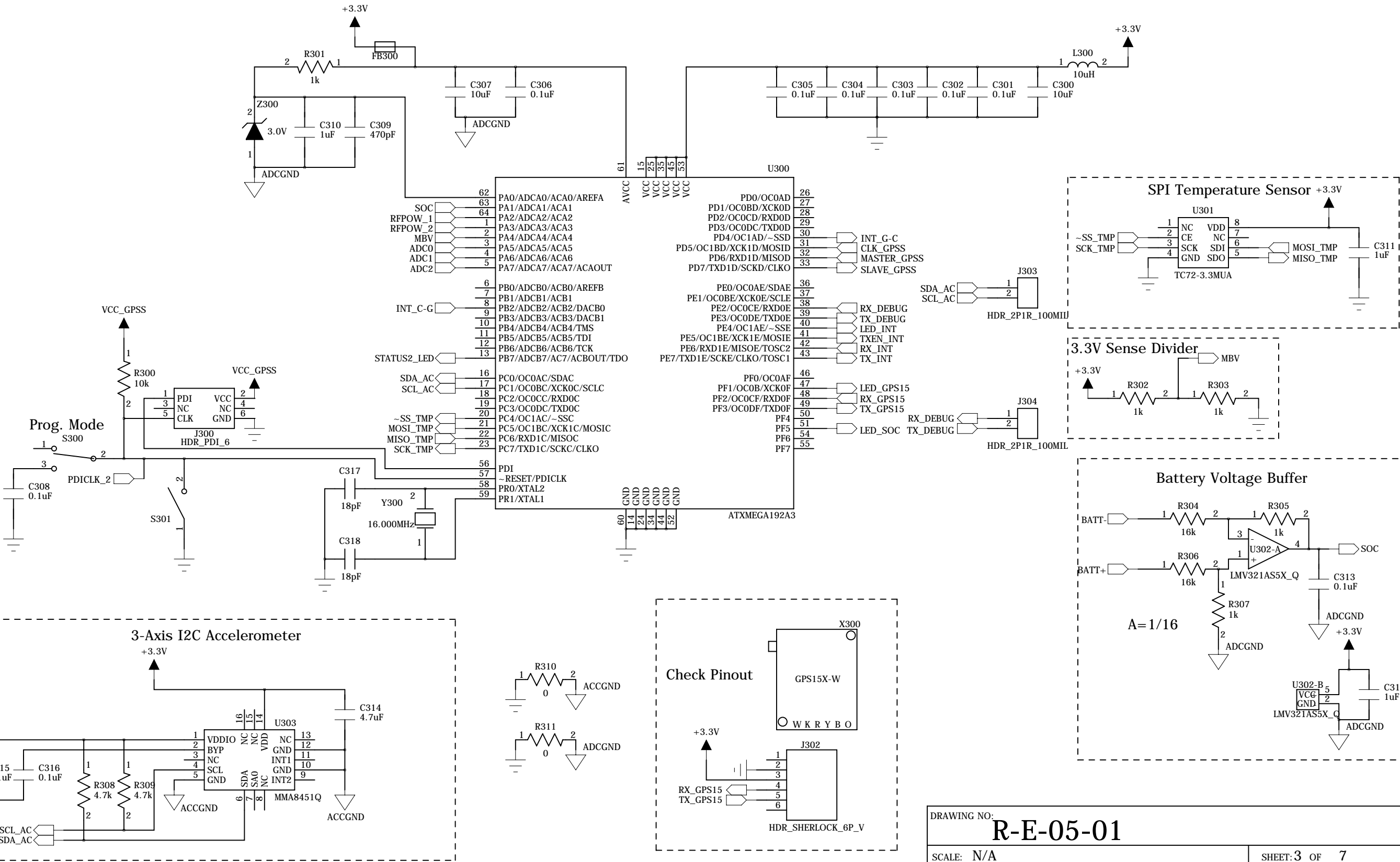
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DRAWING NO: R-E-05-01

SCALE: N/A

SHEET: 3 OF 7

6

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RS-485 I/O Interfaces

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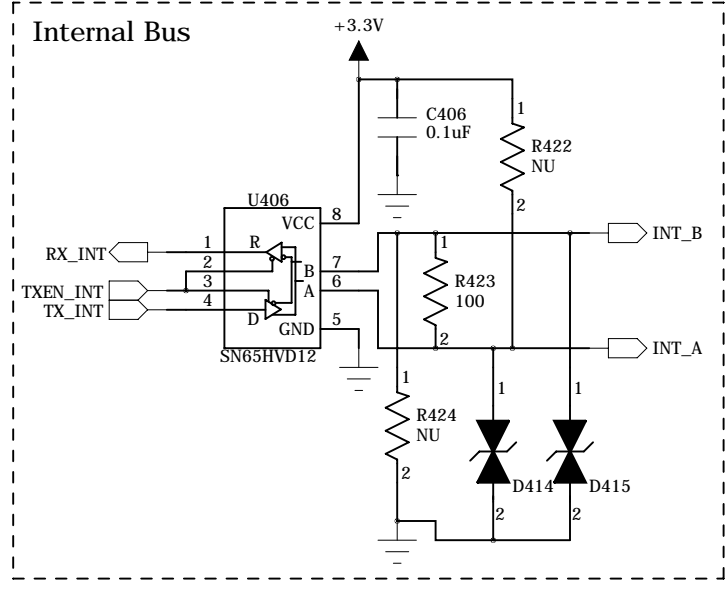
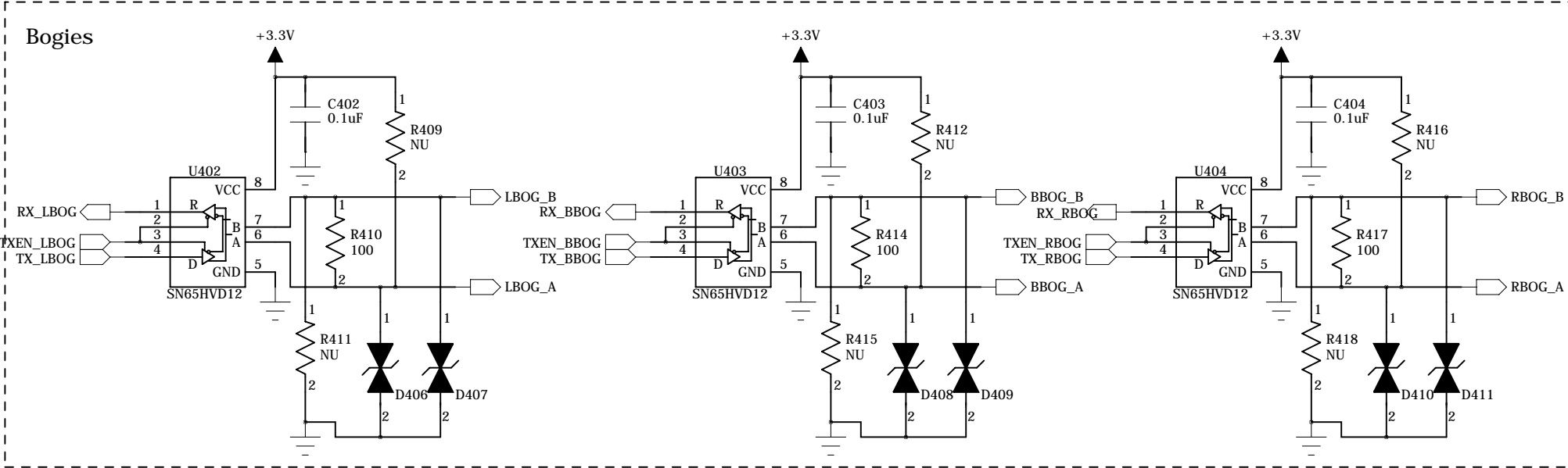
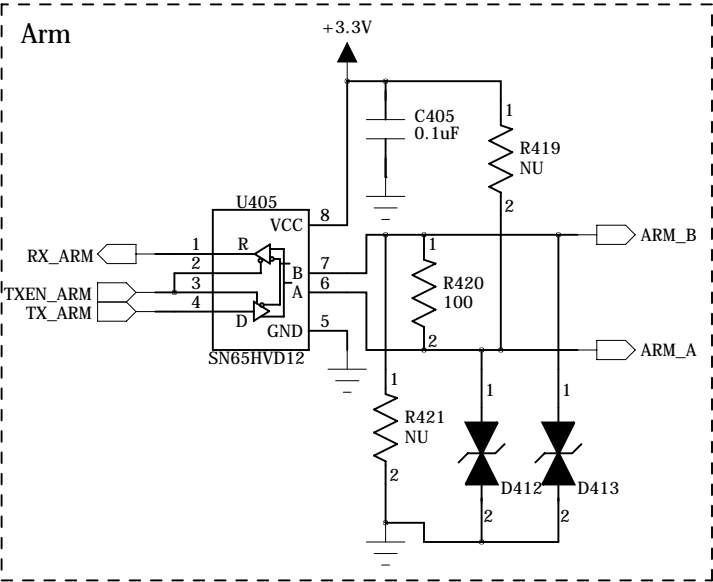
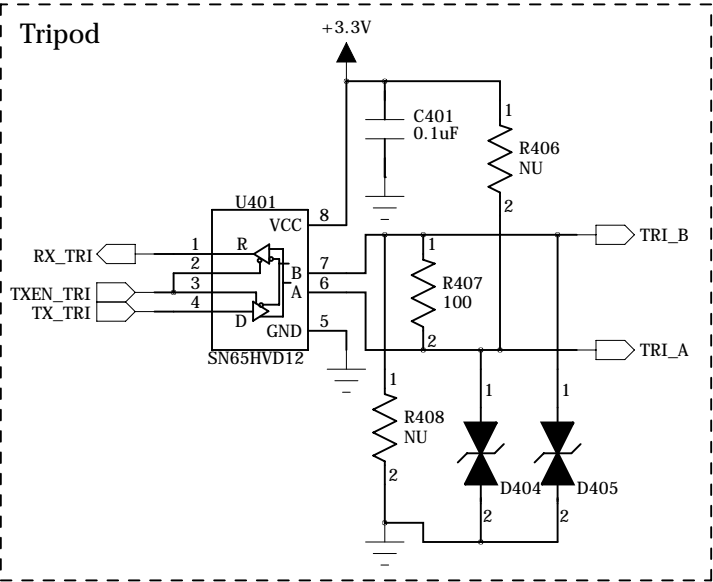
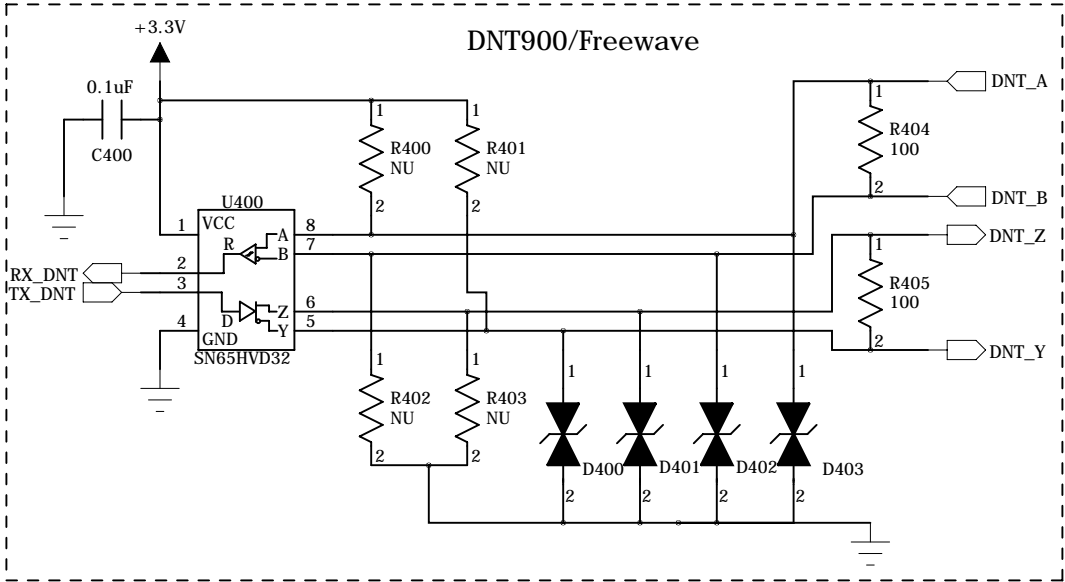
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DRAWING NO: R-E-05-01

SCALE: N/A

SHEET: 4 OF 7

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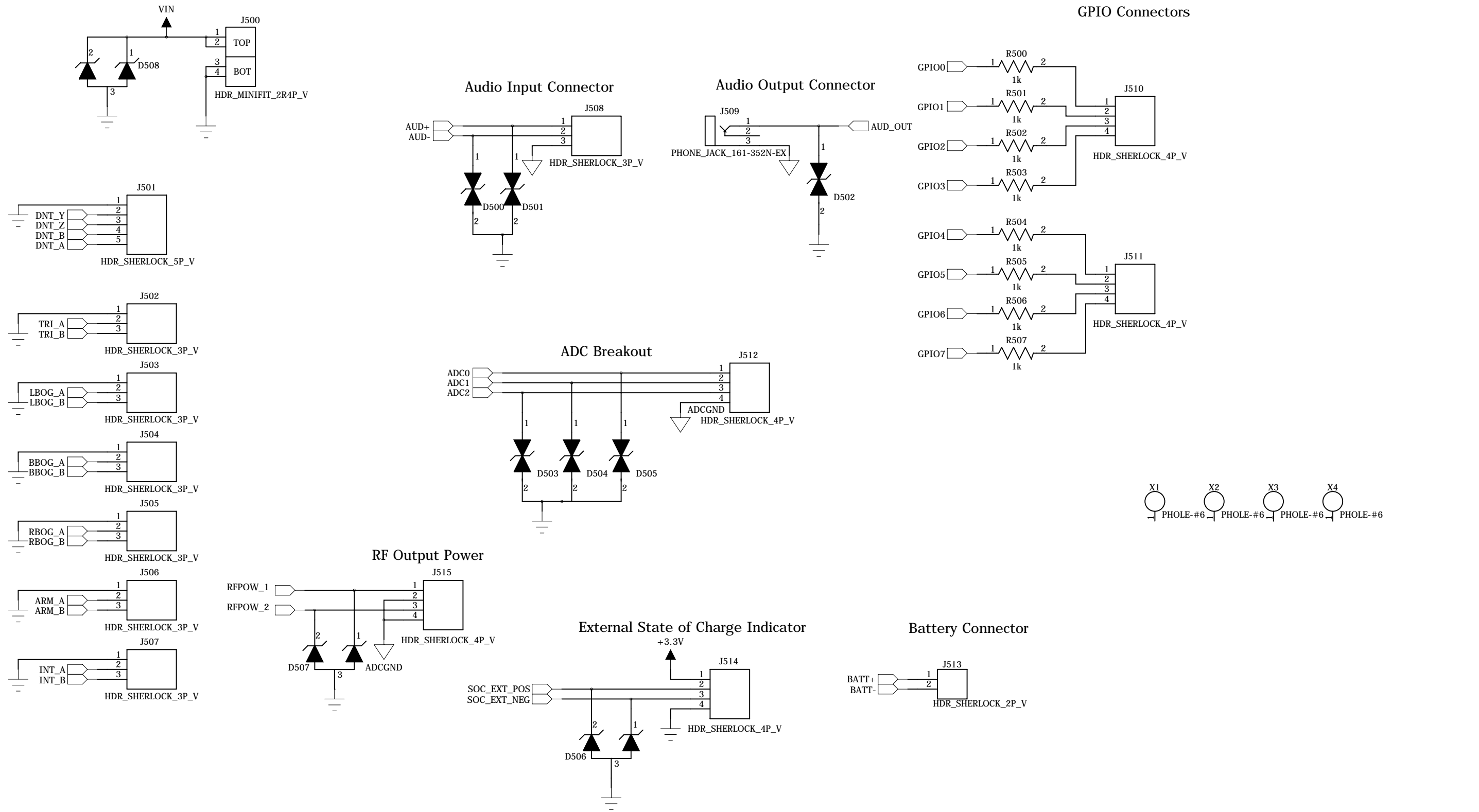
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Connectors



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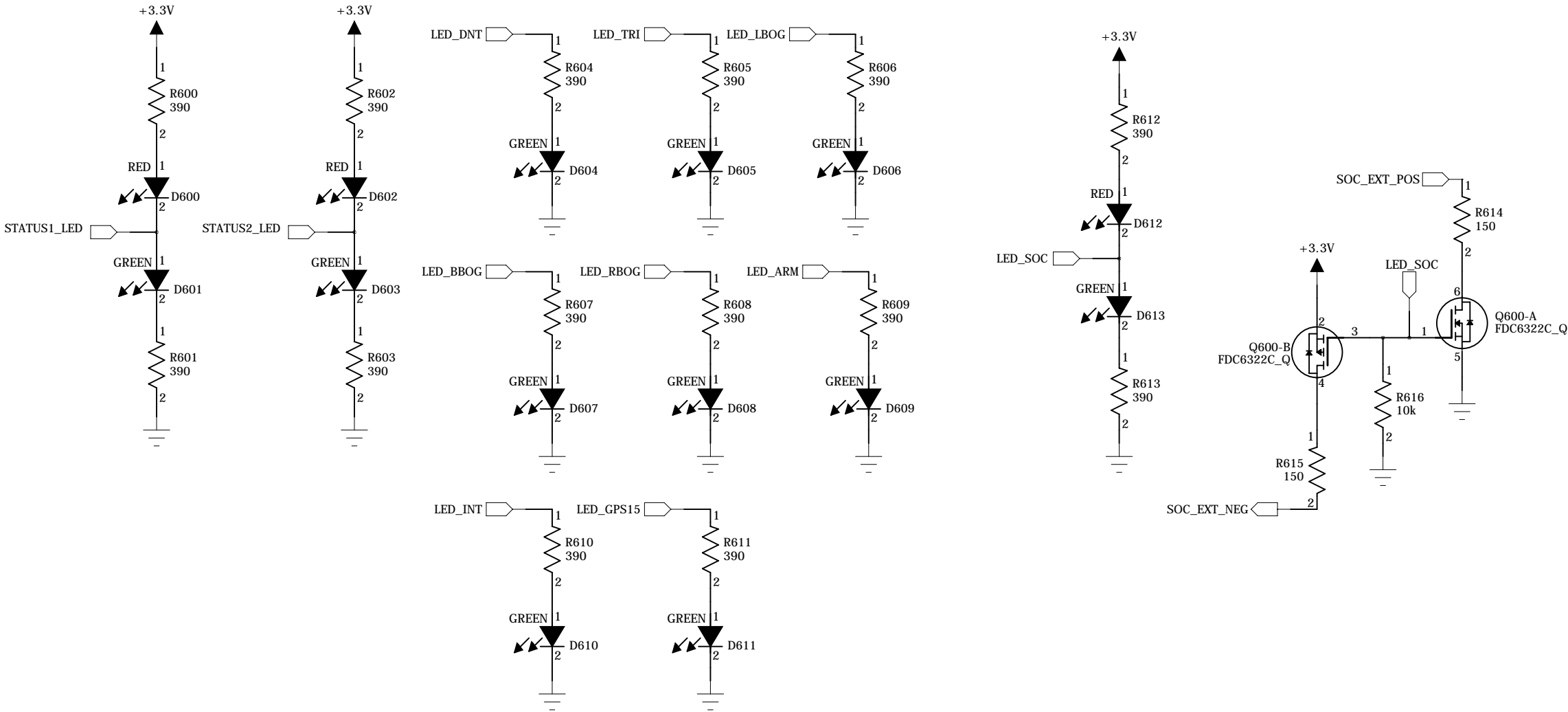
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LED Indicators



DRAWING NO: **R-E-05-01**

SCALE: N/A

SHEET: 6 OF 7

6

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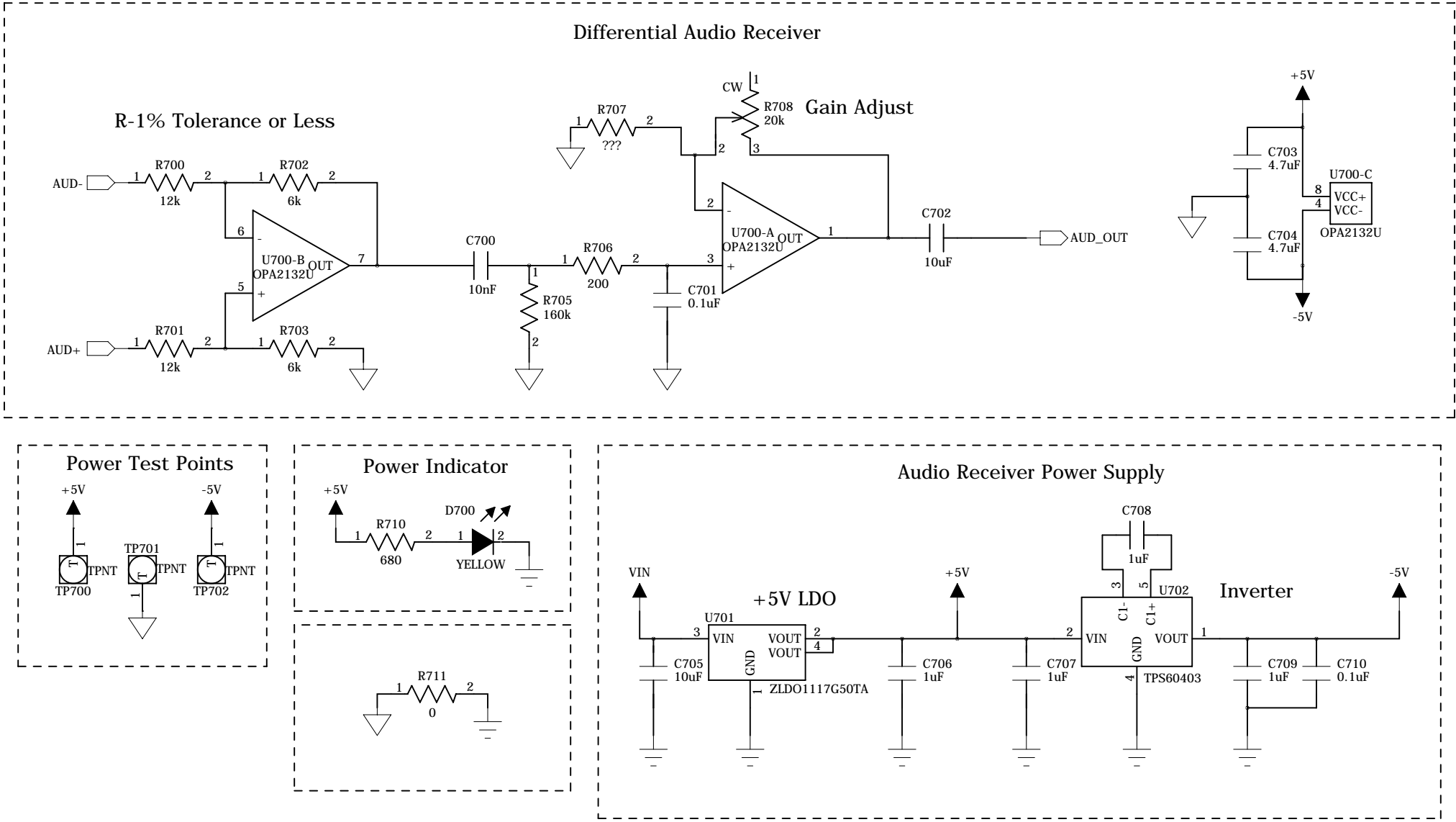
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Audio Receiver



DRAWING NO: **R-E-05-01**

SCALE: N/A

SHEET: 7 OF 7