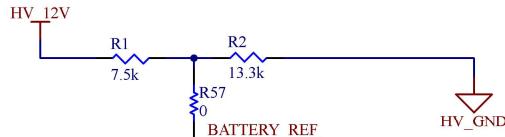
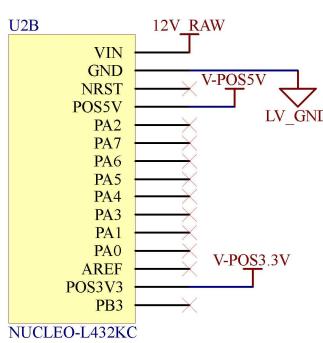
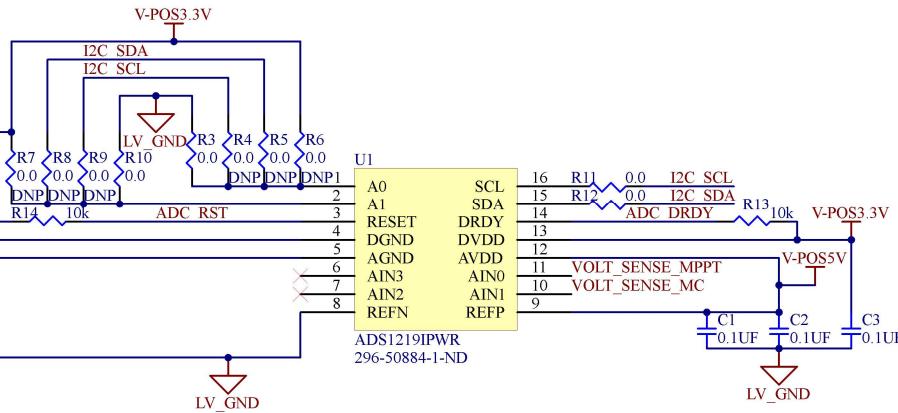


Manual Battery Reference

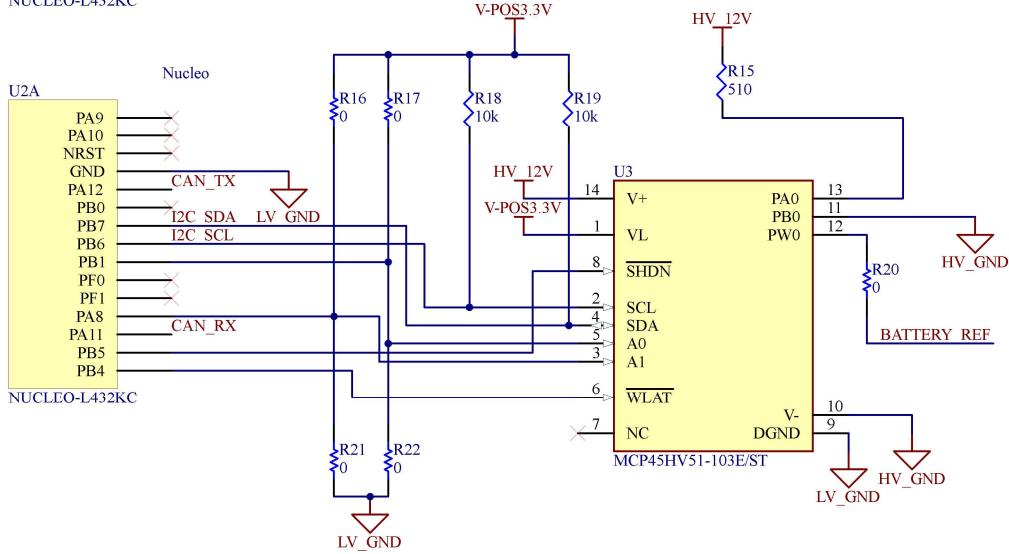


ADC

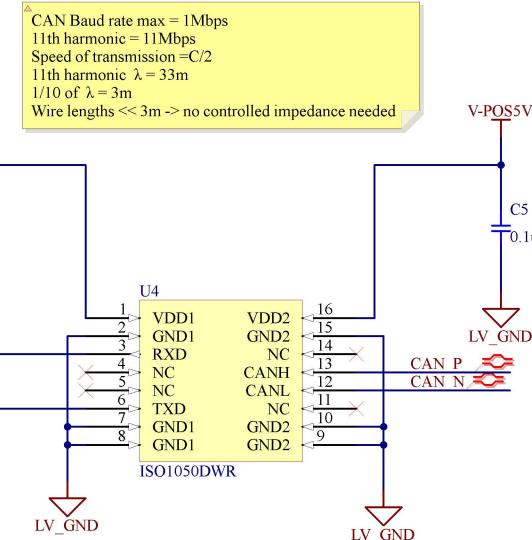


Digital Potentiometers and Nucleo

The Nucleo communicates with the BMS and uses the potentiometers to create a reference signal that allows the MC and MPPT to charge to the correct levels.



CAN Transceiver



Title *Precharge Breakout*

Engineer: * Revision: 1

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File: ic_madness.SchDoc

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BADGER
LOOP

1

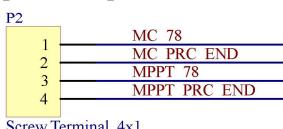
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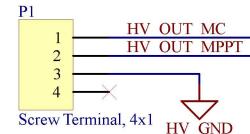
4

A

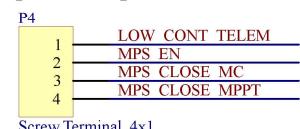
Input / Output



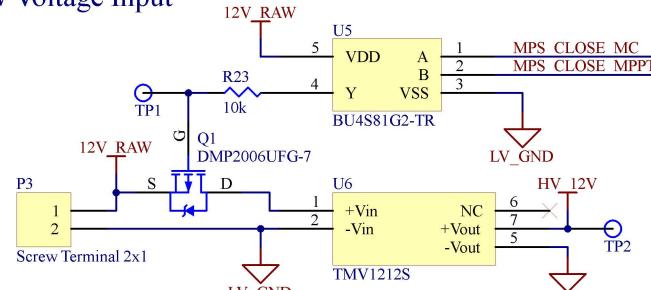
High Voltage Input



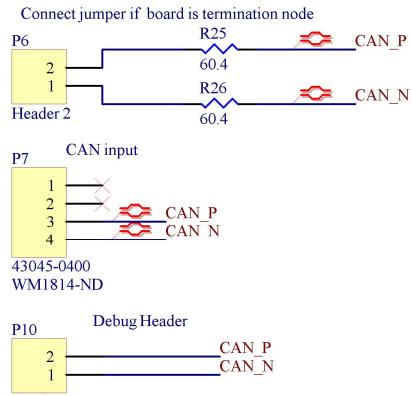
Input / Output



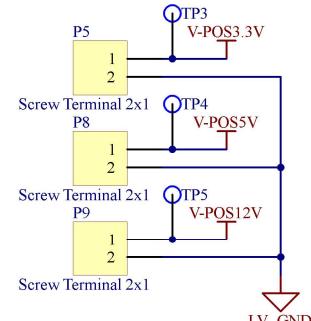
Low Voltage Input



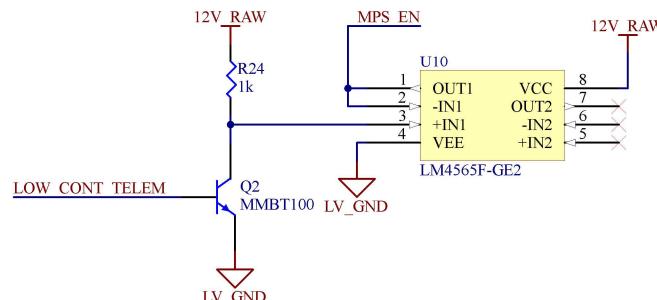
CAN Connections



Even Lower Voltage (Debug)



Signal Inverter

Title **Precharge Breakout**

Engineer: *	Revision: *
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Sheet 2 of 4	
File: connectors.SchDoc	

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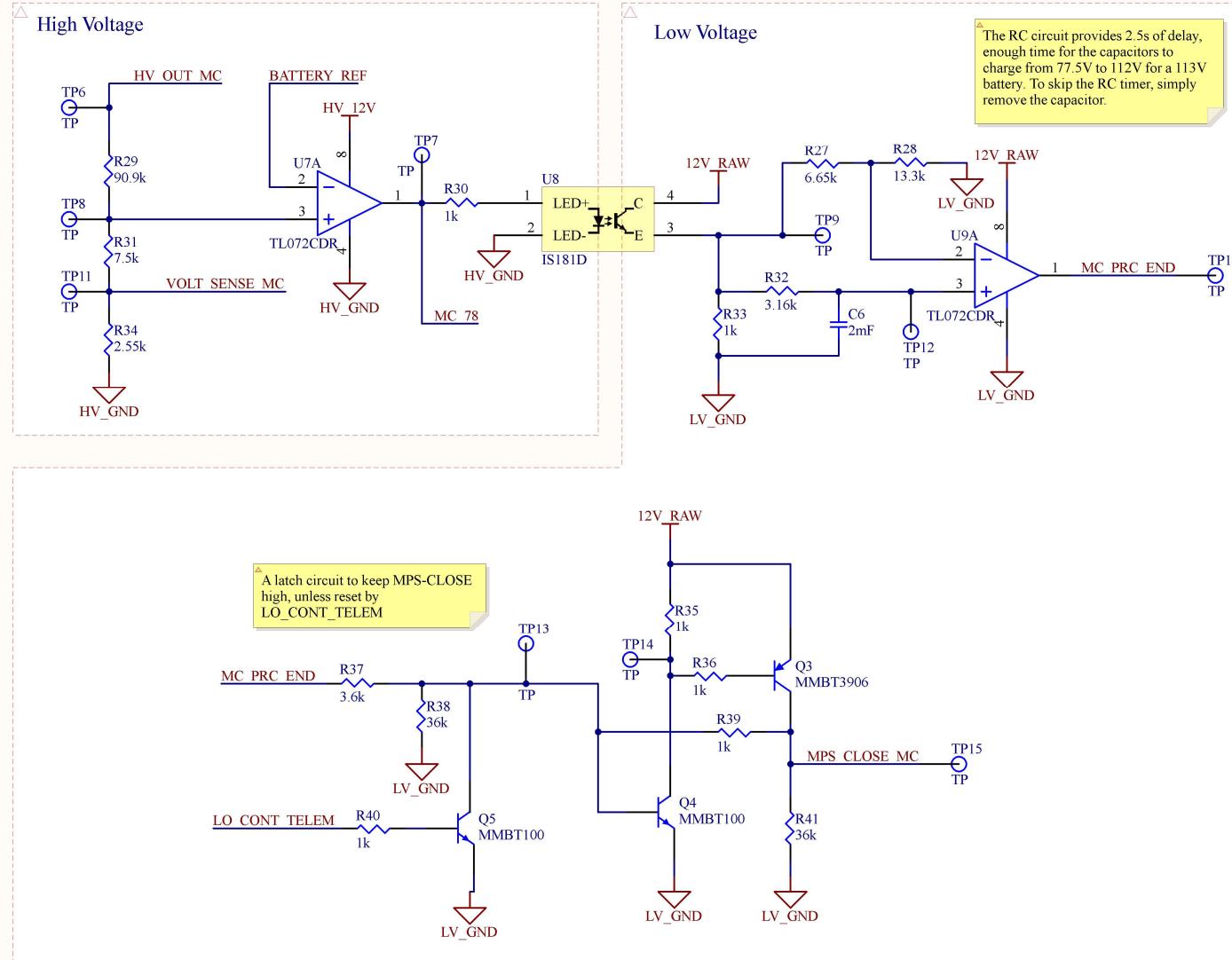
BADGER
LOOP

1

2

3

4



Title **Precharge Breakout**

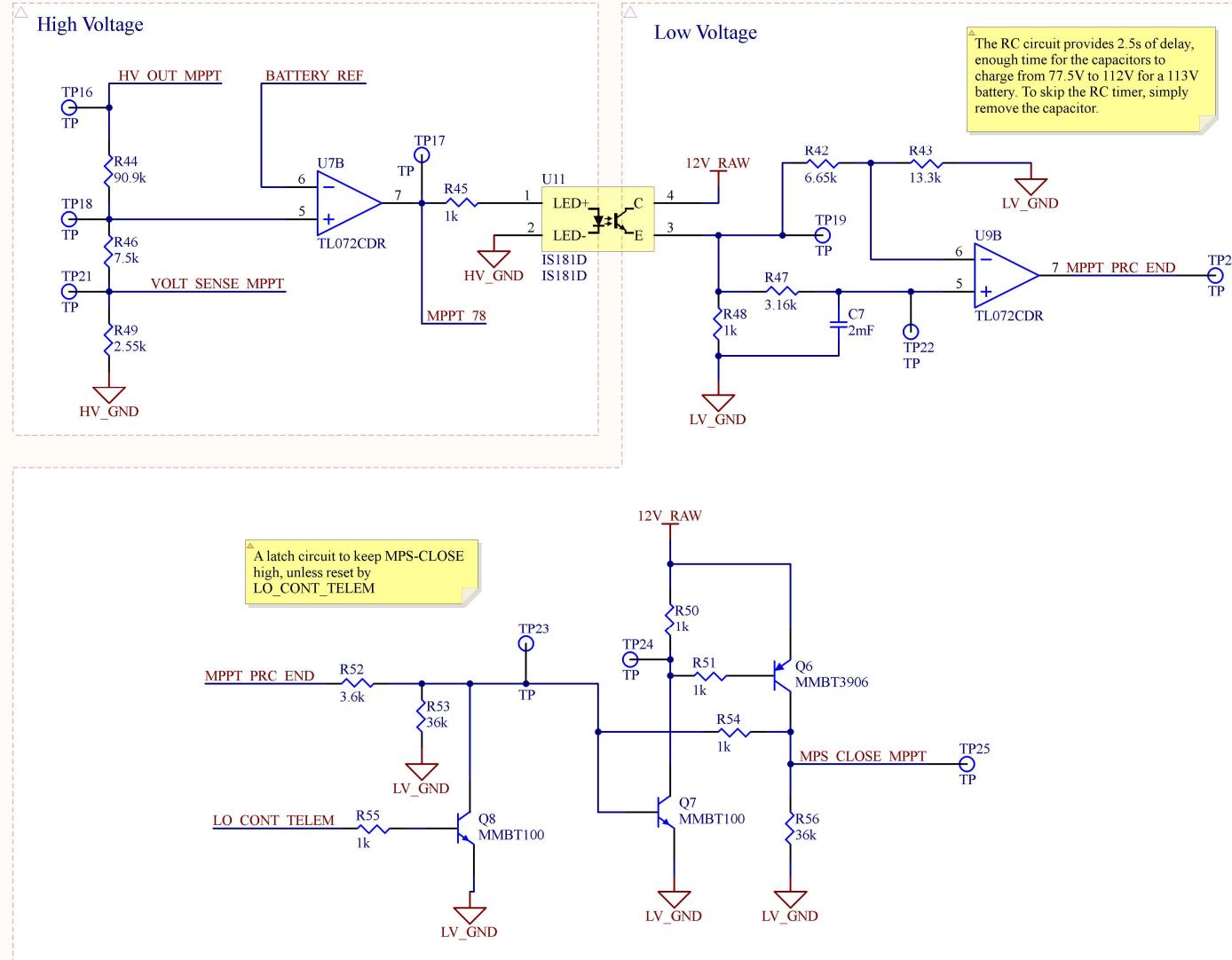
Engineer: * Revision: I

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File: mc_signals.SchDoc

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LOOP

Title **Precharge Breakout**

Engineer: *

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Revision: *

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File: mpp_t_signals.SchDoc