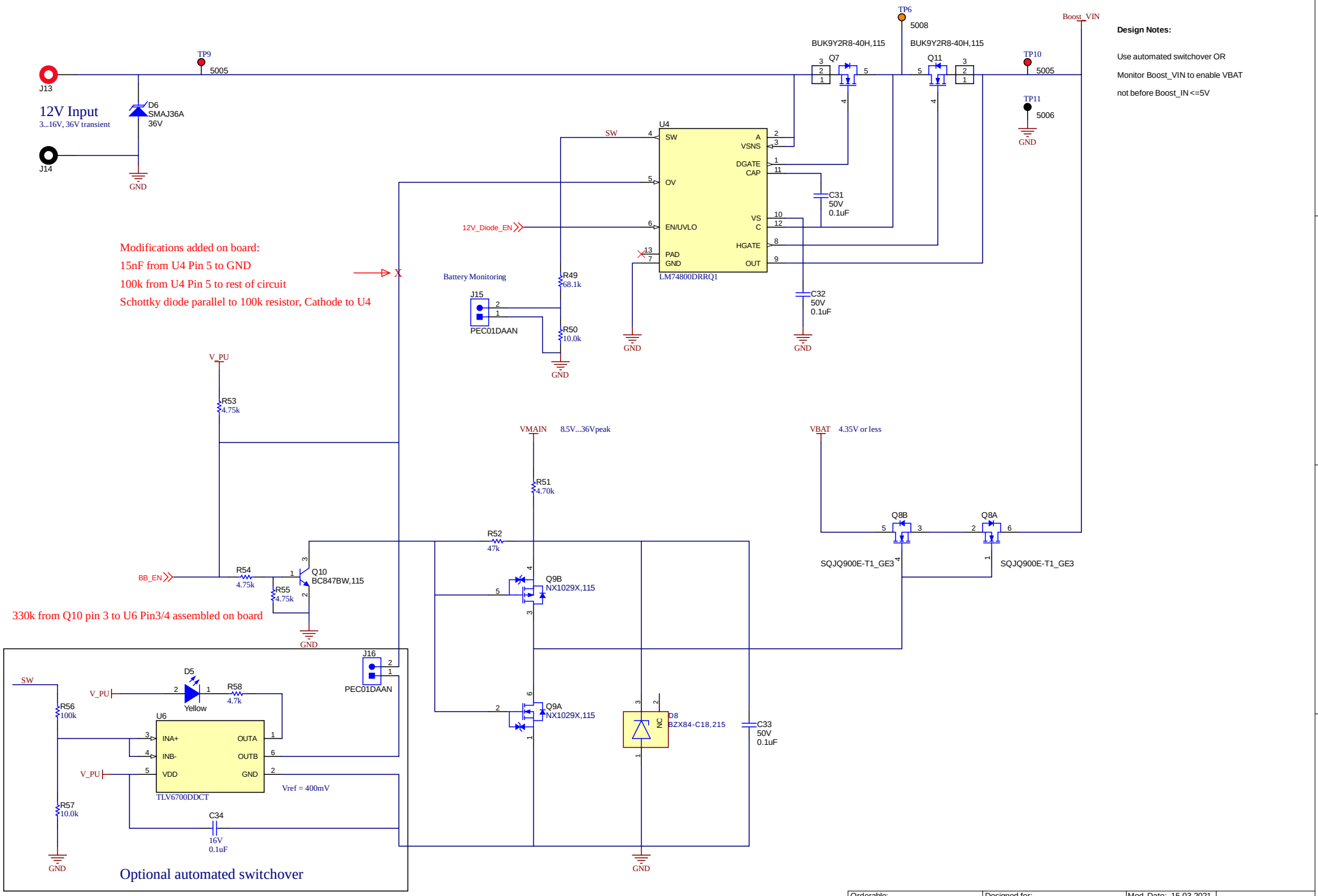

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TID #: N/A		Project Title: Backup Battery Unit	
Number: PMP30963	Rev: A	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: [No Variations]	Sheet: 1 of 1
Drawn By:		File: PMP3063_Oring.SchDoc	Size: A3
Engineer: B. Görner		Contact: http://www.ti.com/support	

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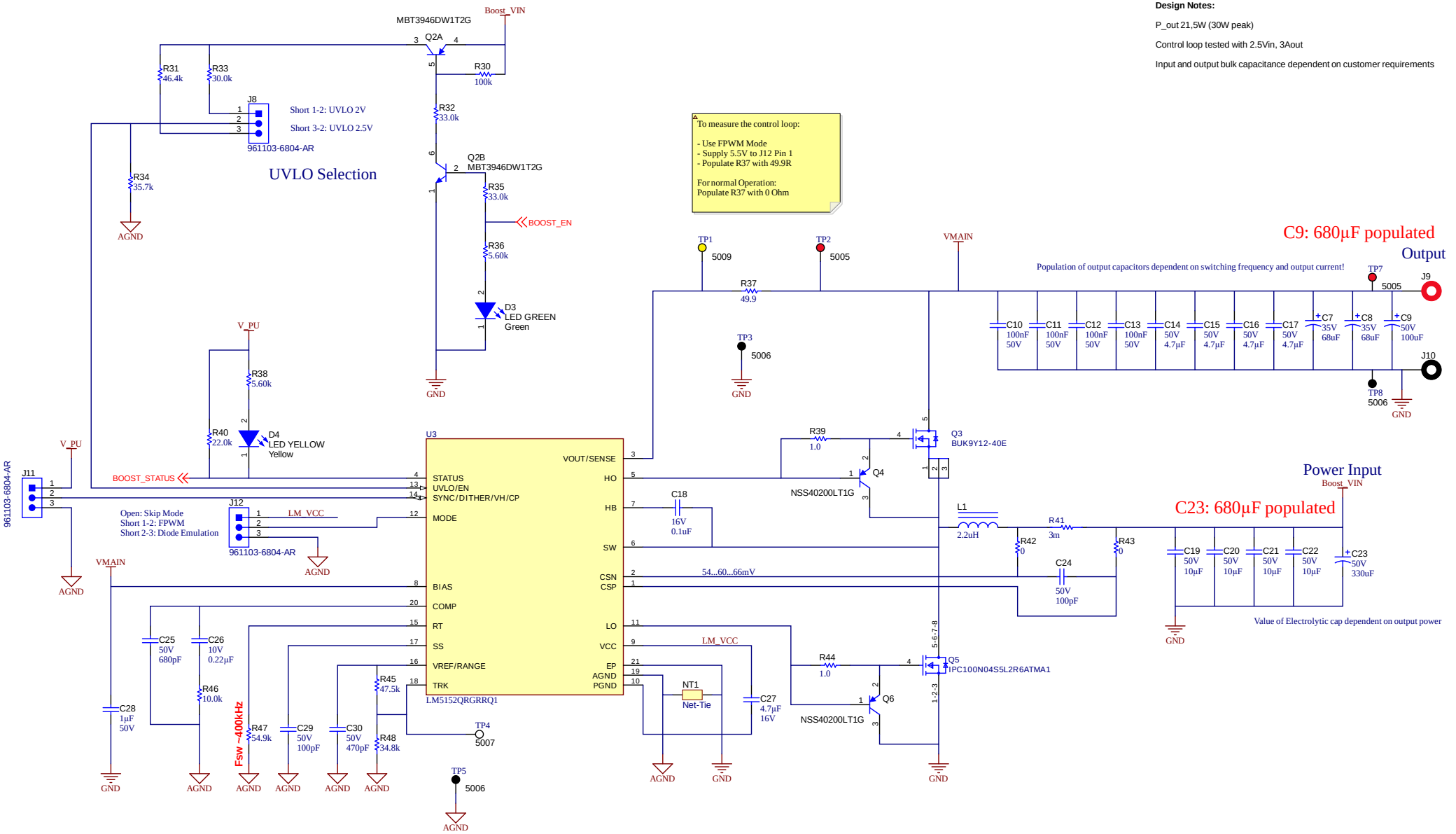
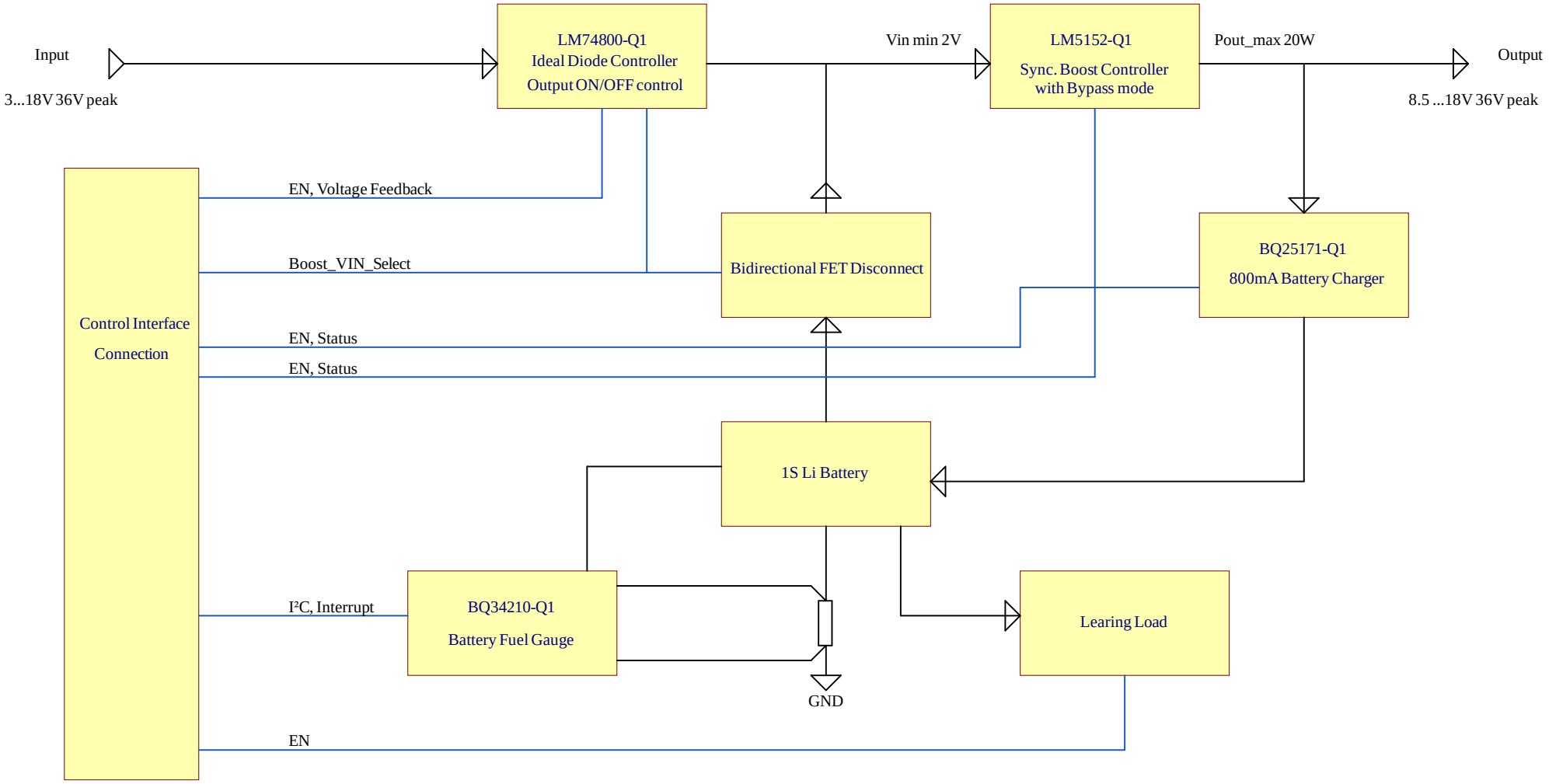


Revision History

Revision	Notes
A	* first draft

Orderable:		Designed for: -	Mod. Date: 17.02.2021
TID #: N/A		Project Title: Backup Battery Unit	
Number: PMP30963	Rev: A	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: [No Variations]	Sheet: 1 of 1
Drawn By:		File: PMP3063_Boost.SchDoc	Size: A3
Engineer: B. Görner		Contact: http://www.ti.com/support	



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Number: PMP30963	Rev: A	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: [No Variations]	Sheet: 1 of 1
Drawn By:		File: PMP3063_BlockDiagram.SchDoc	Size: A4
Engineer: B. Görner		Contact: http://www.ti.com/support	

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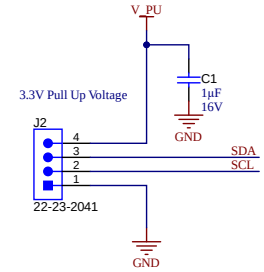
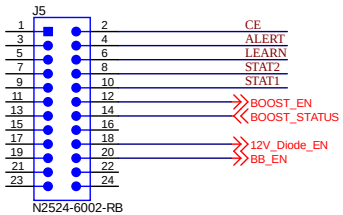
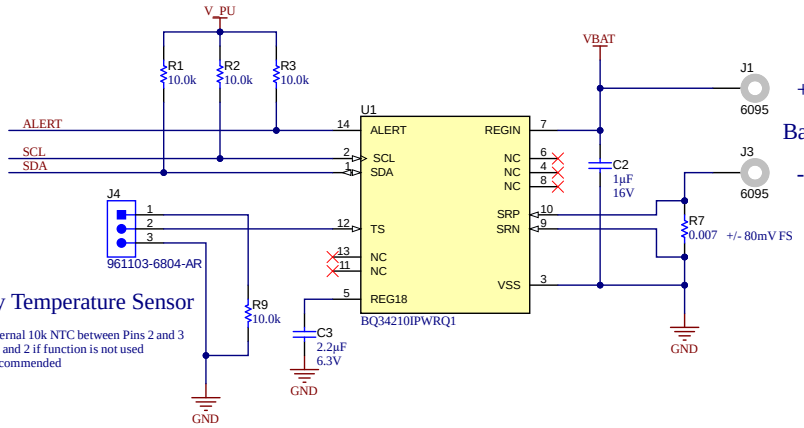
Battery Fuel Gauge



EV2400 Connections

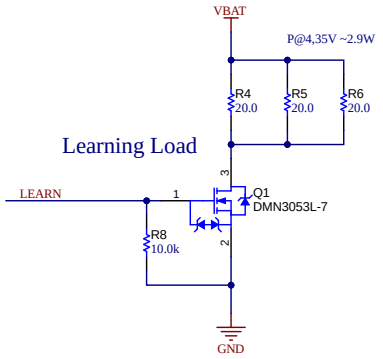




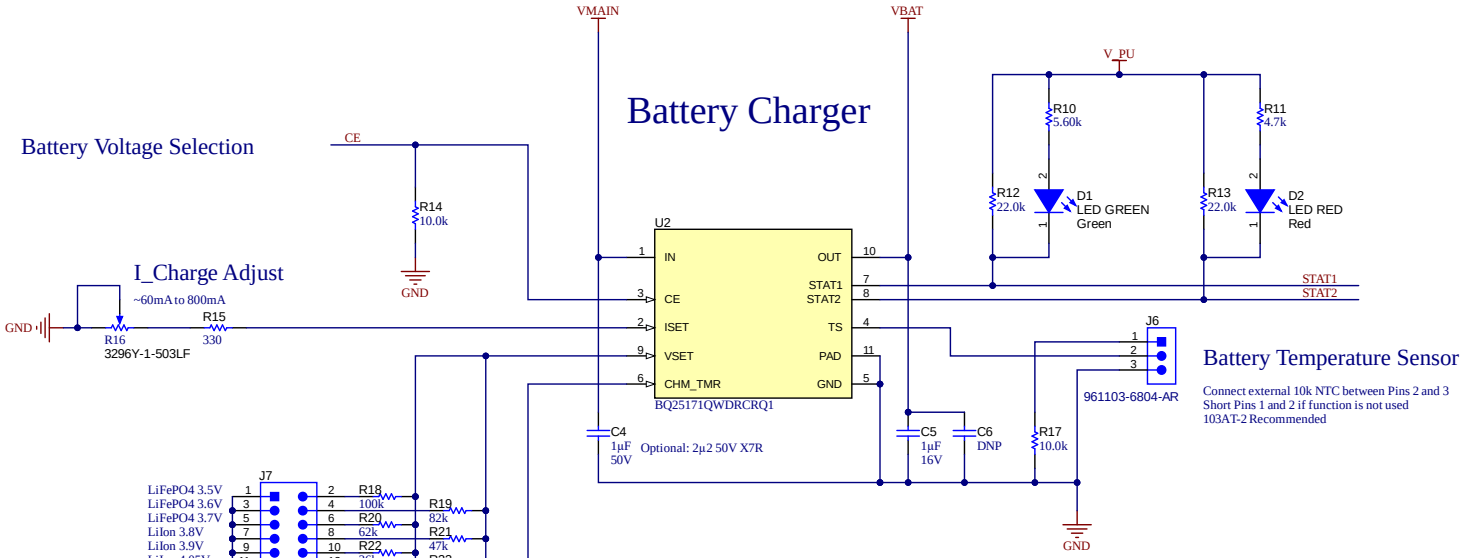
Battery Temperature Sensor

Connect external 10k NTC between Pins 2 and 3
Short Pins 1 and 2 if function is not used
103AT-2 Recommended

Battery Connection



Battery Charger



Battery Temperature Sensor

Connect external 10k NTC between Pins 2 and 3
Short Pins 1 and 2 if function is not used
103AT-2 Recommended

Safety Timer Configuration

Timer Configuration Jumpers. No Jumper = No Charge

Design Notes:

PRELIMINARY SCHEMATIC!

Revision History	
Revision	Notes
A	* first draft

Orderable:		Designed for: -	Mod. Date: 11.02.2021
TID #: N/A		Project Title: Backup Battery Unit	
Number: PMP30963	Rev: A	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: [No Variations]	Sheet: 1 of 1
Drawn By:		File: PMP3063_Battery.SchDoc	Size: A3
Engineer: B. Görner		Contact: http://www.ti.com/support	

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