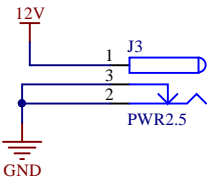
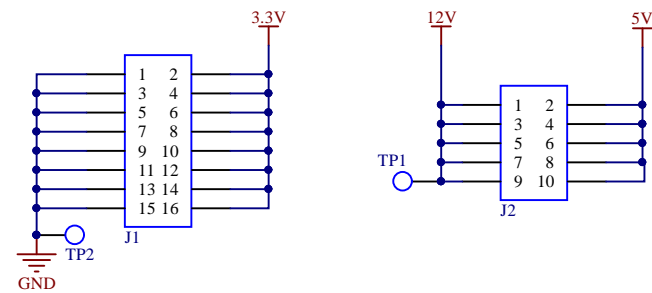
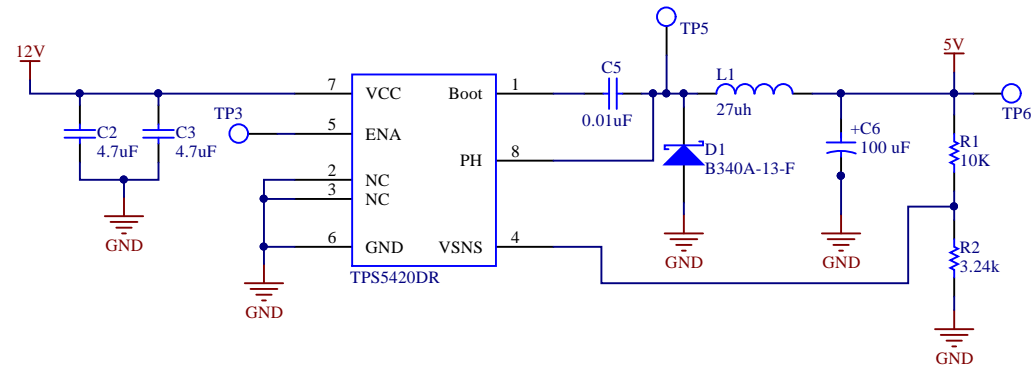


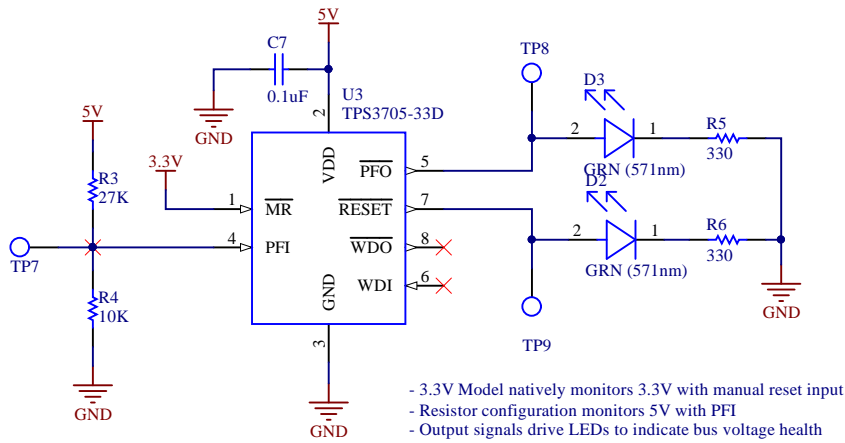
Connectors



12V -> 5V Regulation



Monitoring



- 3.3V Model natively monitors 3.3V with manual reset input
- Resistor configuration monitors 5V with PFI
- Output signals drive LEDs to indicate bus voltage health

5V -> 3.3V Regulation

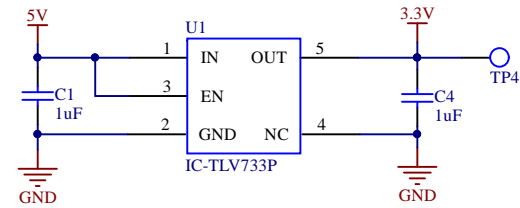


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02	Mobile Power



ECE 453: POWER BOARD

Revision History:

Date:	Revision:	Comments:
12/23/1016	A	Initial Revision for ECE 453 Additional Notes:

Important Notes about this Schematic:

DESIGN NOTE:
Design notes in gray text boxes give information about design requirements and descisions.

LAYOUT NOTE:
Layout notes in red text boxes give information regarding layout requirements.

All resistors are in Ohms
and are 1/8 W 1% tolerance

All capacitors are in microFarads
and are 10% tolerance

Title: *					
Size: B	Machine: *	P.C. Board No: *	Assembly No: *	Rev: *	Sheet: * of *
		College of Engineering 1415 Engineering Drive Madison, WI 53706		ECE 453 Fall 2018	