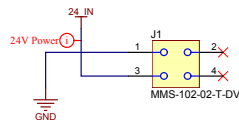
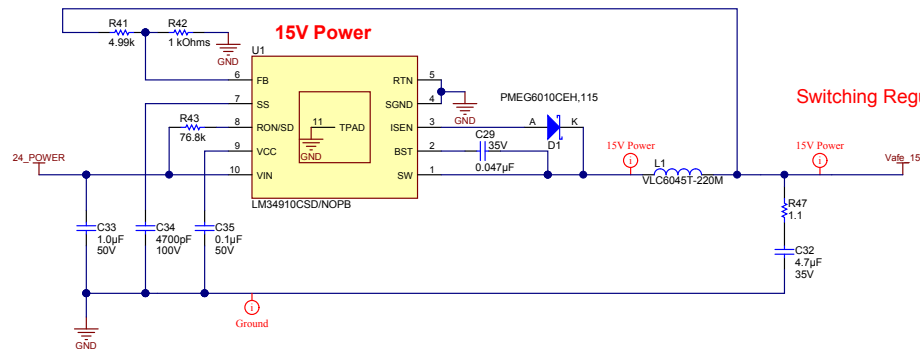


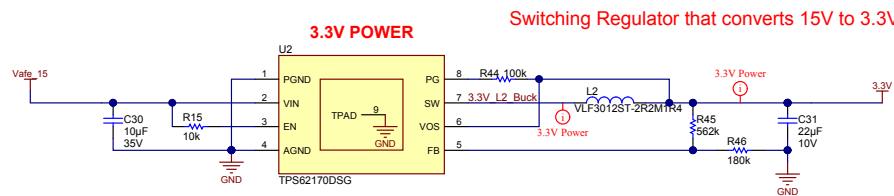
Low Pass Filtering that isolates the Power Line Communication Signal from the Switching Regulator



4 pin connector that provides 24V and GND to the PLC node

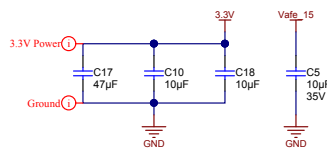
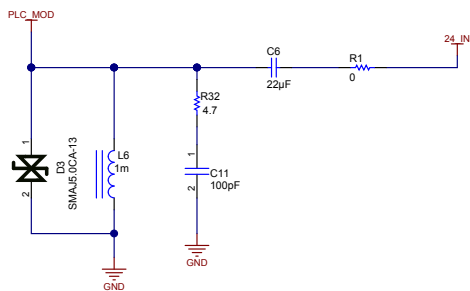


Switching Regulator that converts 24V to 15V

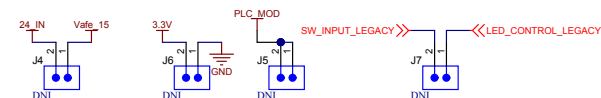


Switching Regulator that converts 15V to 3.3V

Power Line Communication AC Coupling Protection Circuitry



PLC node Board to Board Connectors



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Number: SAT0021	Rev: E3	Designed for: Public Release	Mod. Date: 9/26/2013
SVN Rev: Not in version control	Assembly Variant: Variant name not interpreted	Project Title: SAT10021	Sheet Title:
Drawn By: Ajinder Singh	File: sat0021 E3 SchDoc	Size: B	1 of 1
Engineer: Ajinder Singh	Contact: http://www.ti.com/support		http://www.ti.com



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