

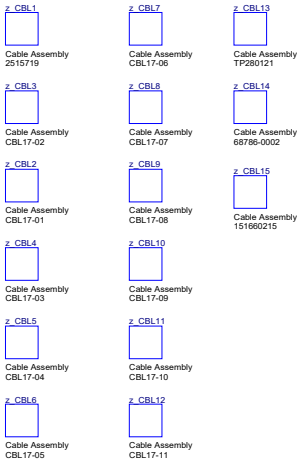
NOTES, UNLESS OTHERWISE SPECIFIED:

- 1. The netname "V_PRE_REG" represents connection to the 6.5V - 8V power plane.
- 2. All components with designators "U", "D", "Y" and "Q" are electrostatic discharge sensitive.
- 3. The letters DNI near a part mean "do not install".

COMPUTER GENERATED DRAWING. DO NOT REVISE MANUALLY			
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Initial Release	4/5/2019	
B	Updated pre-regulator feedback adjustment options and current limit. Added LED driver flyback diode snubber.	7/30/2019	



Cable Assembly



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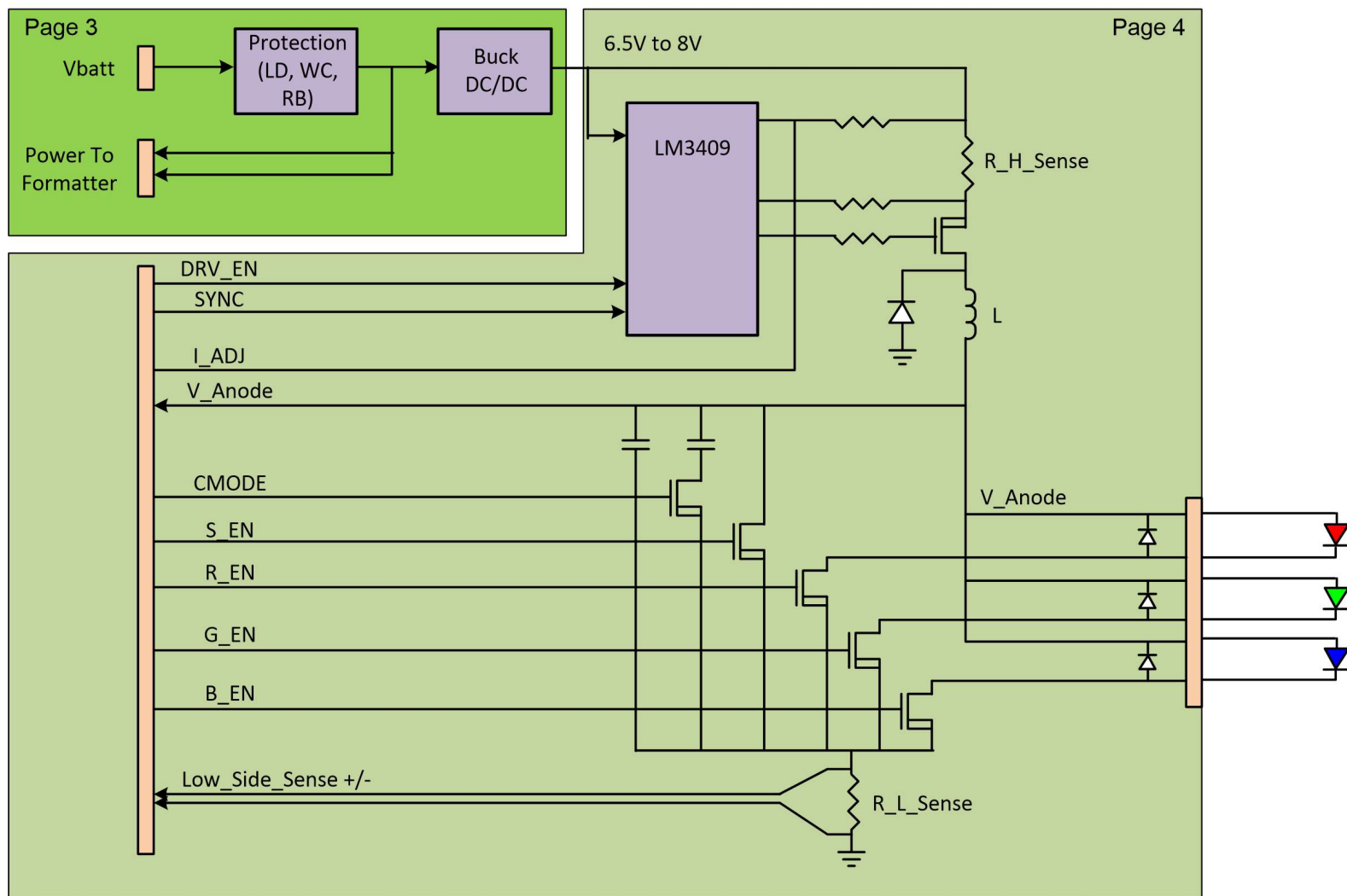
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TI Information - Selective Disclosure

	DWN Jackson Thomas	DATE 4/5/2019	TEXAS INSTRUMENTS (C) COPYRIGHT 2017 TEXAS INSTRUMENTS ALL RIGHTS RESERVED	
	ENGR			
	SVST			
	PRJ			
			TITLE DLP5530-Q1_PGU_Driver	
NEXT ASSY	USED ON		D DRAWING NO DLP029	REV B
APPLICATION		DW Cadence Capture 16.6	SCALE	SHEET 1 of 4

Buck controller is used to support LEDs with a
3.5V – 7V forward voltage and board input
voltage of 6.5V to 18V.



Battery Input Connector and Input Voltage Protection

8V - 18V

VIN FILT

