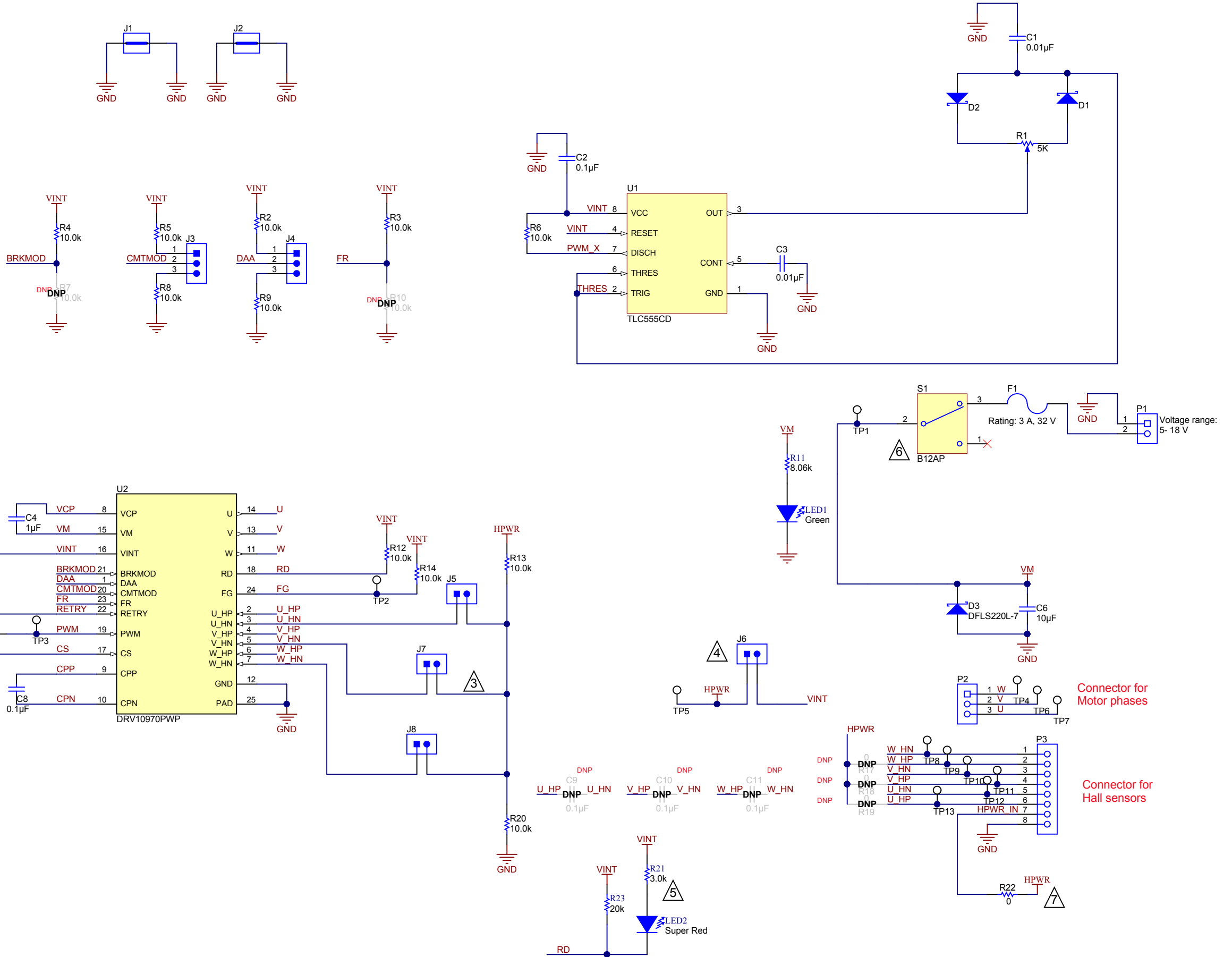


Vin (VM): Absolute min=-0.3 V, Absolute max=20 V (DC)
Vout (U,V,W): Absolute min=-1 V, Absolute max=20 V
Iout (U,V,W): Absolute min=0 A, Absolute max=2 A

Recommended operating conditions:
VM: Min=5 V, Max=18 V
Iout: Min=0 A, Max=1.5 A

VINT (internal regulator voltage): 5 V
Hall input voltage: Absolute min=0 V, Absolute max=6 V



- 1 Retry timing can be changed by replacing the C7 capacitor with a different valued capacitor
- 2 PWM can be pulled to 0% by removing R15 and shorting PWM to ground using the test point. Remove R15 before applying external PWM to test point.
- 3 These jumpers allow you to go from hall differential mode to hall IC mode. The default condition is differential mode (J5,J7,J8 unconnected)
- 4 Short V_HALL to VINT (5 V) using this jumper. If unconnected, connect external supply for V_HALL to be used for HPWR
- 5 Lock indicator output RD pin is set low
- 6 Set switch by default to no connect
- 7 Apply an appropriate current limiting resistor, as needed, for hall element sensors

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Orderable: DRV10970EVM	Designed for: Public	Mod. Date: 1/22/2016
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Number: MDBU008	Rev: A	Sheet Title:
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 1 of 2
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