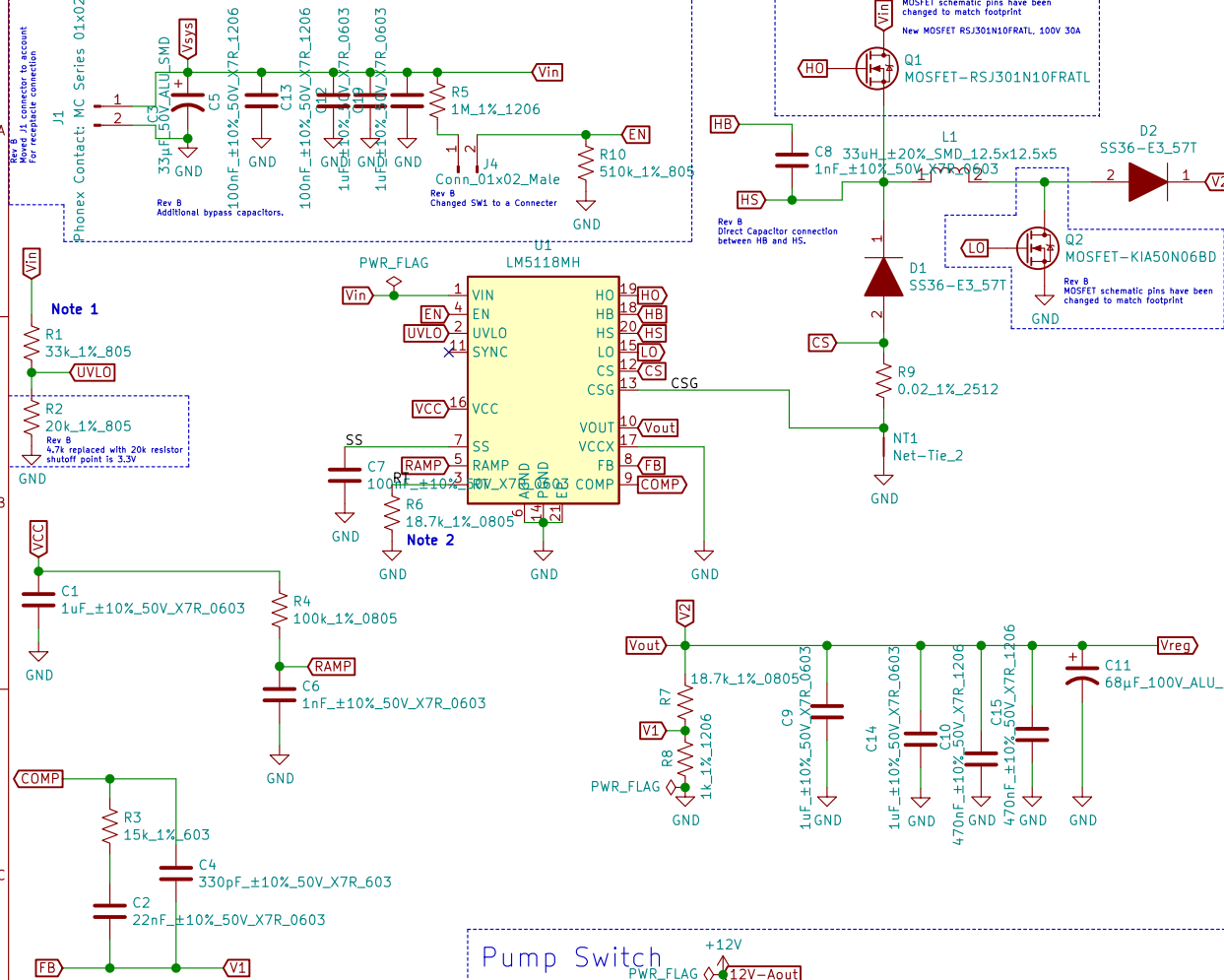


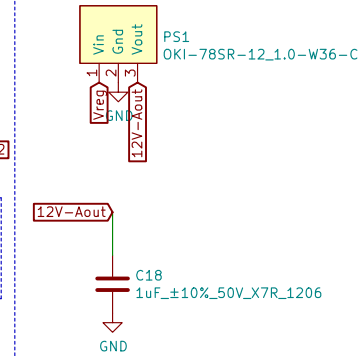
## Buck-Boost Converter Power Supply



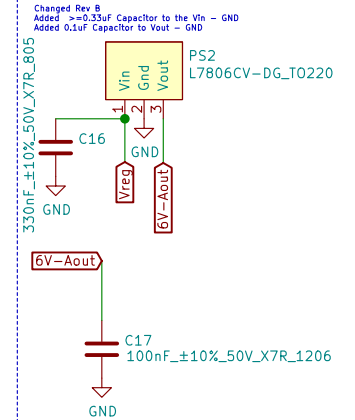
## Notes

1. UVLO pin will switch to standby mode when  $V_{in} \leq 3.3V$ .
2. RT sets clock rate to 295kHz.
3. Supply ralling for the pump, only 1 pin in use at a time.
4. Connector and through hole for GPIO Drive.
5. The LED forward voltage drop is 1.2V.
6. Nominal current across the LED is 3mA and max 10mA.
7. GPIO pin provides 3.3V supply

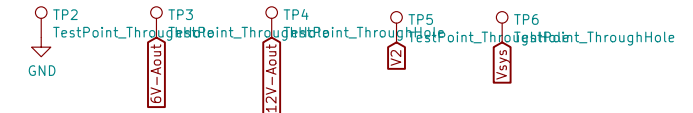
## 12 VDC Regulators



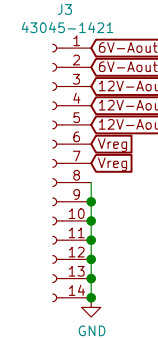
## 6 VDC Regulators



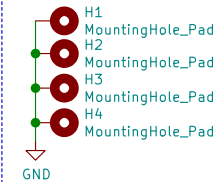
## Test Points



## Connectors



## Mounting Holes



Reviewed By: AB  
Drawn By: RKH

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File: PowerSupplyBoard.sch

## Title:

Size: A4  
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