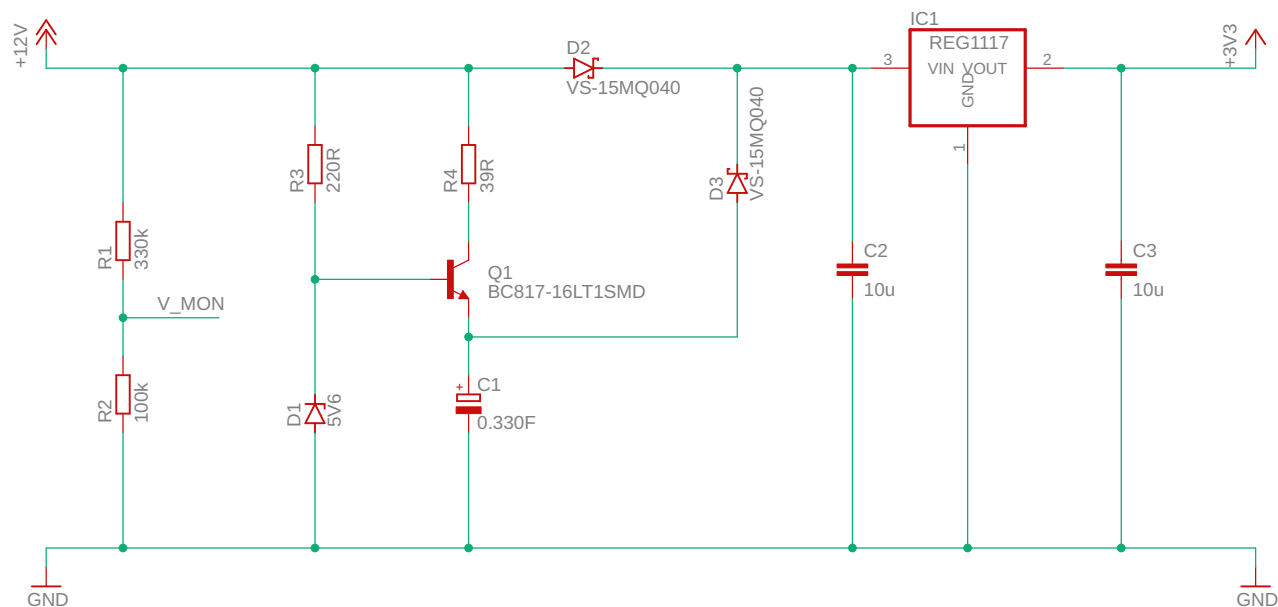


1. Designed to provide ~5s power to the 3.3V regulator in order to allow for stable shutdown on power loss.
2. V_MON allows the microcontroller to monitor the power on a 3.3V line.
3. Charge time ~ 60s.
4. D1 power dissipation ~170mW.
5. Q1 power dissipation ~100mW.
6. Maximum expected output current ~1A.
7. D1-D3: Vishay 1.5A Schottky rectifiers.
8. C1: Elna DX 5.5V 0.330F Supercap.



Power Holdup (~5s)

supercap-backup

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