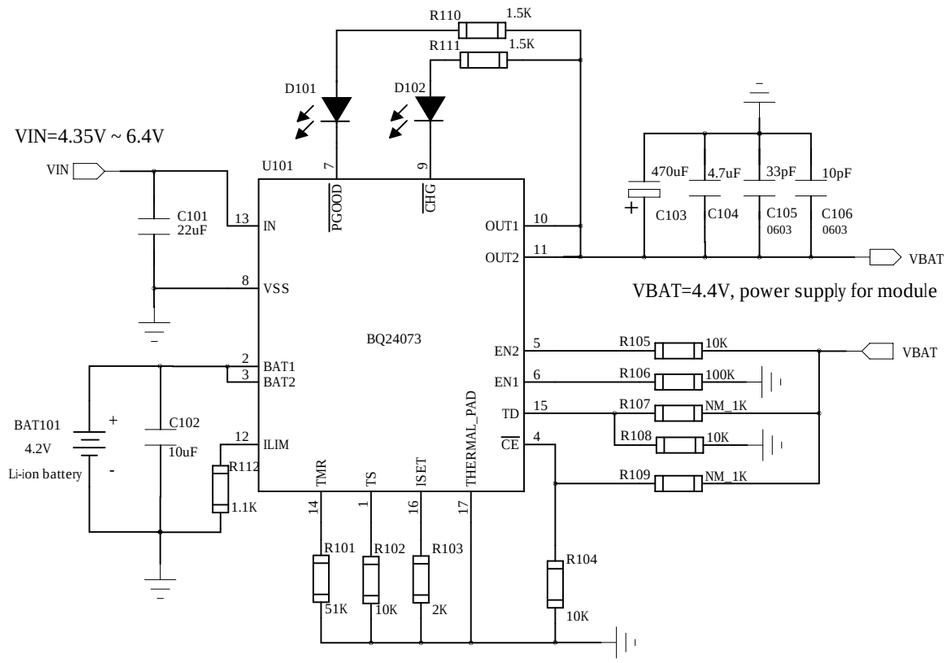
Notes:

1. Please refer to the datasheet of BQ24073 for details.

2. VIN supply is converted to VBAT voltage by an internal LDO. When switching to battery supply, the battery supplies power for end device (such as module) directly via pin10 and pin11.

3. The device is integrated Li-ion chargers and system power path management device targeted at space-limited portable applications.
   The device powers the system while simultaneously and independently charging the battery.
   The device features Dynamic Power Path Management, which shares the source current between the system and battery charging, and automatically reduces the charging current if the system load increases.
   The power-path management architecture also permits the battery to supplement the system current requirements when the adapter cannot deliver the peak system current.

4. Considering the resonant frequency point of capacitor to filter out RF interference for the application of GSM module, use capacitors C105 and C106 in the 0603 size here.



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DRAWN BY <Mountain ZHOU>	PROJECT <Charging IC Reference Design>	TITLE <BQ24073>
CHECKED BY <Yong AN>	SIZE A3	VER <1.0>
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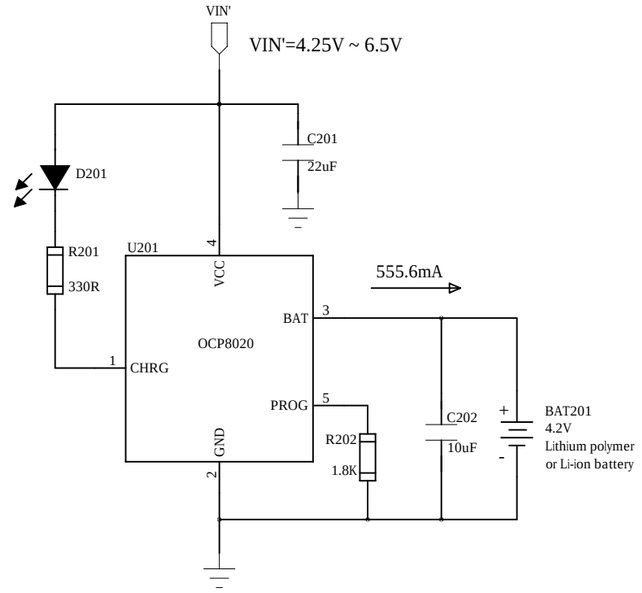
Notes:

1. The OCP8020 is a complete constant-current and constant-voltage linear charger for single cell Li-ion and Lithium polymer batteries.

2. Programmable charge current up to 800mA.

3. Please refer to the datasheet for more details.



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