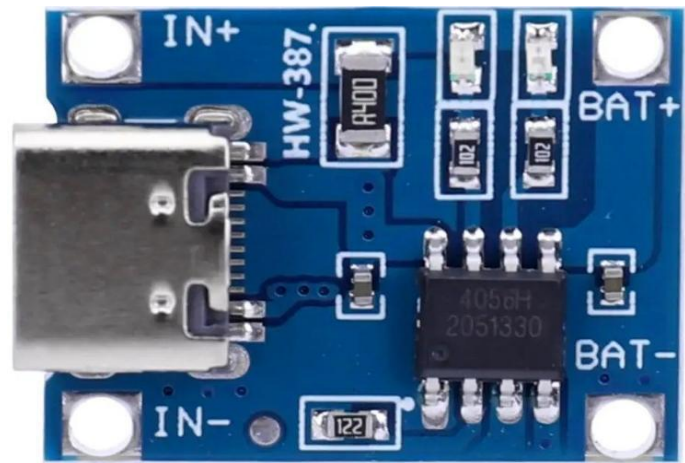


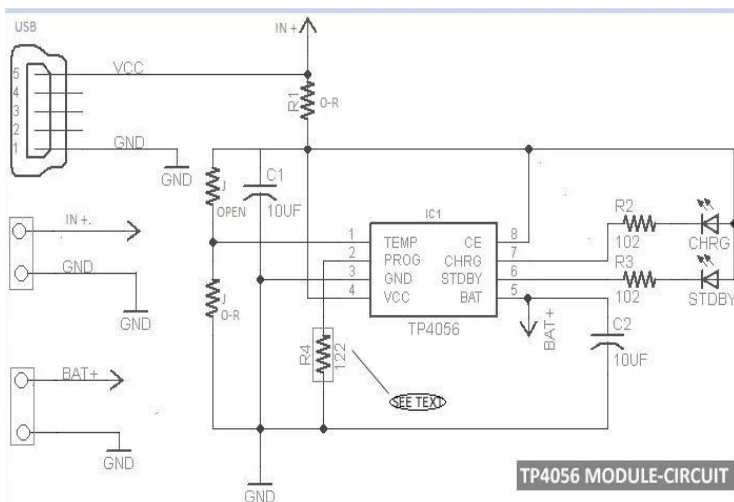
TP4056

1-Function

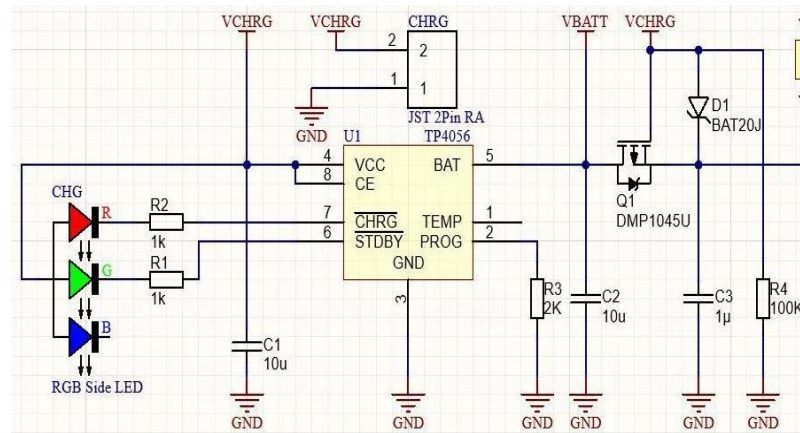
The **TP4056** is a lithium-ion battery charger module designed to charge a single-cell **Li-ion** or **LiPo** battery through a constant-current/constant-voltage (CC/CV) charging algorithm.



2-Circuit



3-schamatict



paramiter	values
Input Voltage	4.5V to 5.5V
Charging Voltage	4.2V +-1%
Charging current	Up to 1A
Trickleb charge threshold	2.9V
Charging currant termination	10%
Thermal regulation thershold	145 c
Quiescent currant	55uA
Led indecator	Red(charging),blue/green(done)
Poirating temp	-40 c to 85 c