

**VIETNAM NATIONAL UNIVERSITY HO  
CHI MINH CITY HO CHI MINH CITY  
UNIVERSITY OF TECHNOLOGY  
FACULTY OF COMPUTER SCIENCE  
AND ENGINEERING**



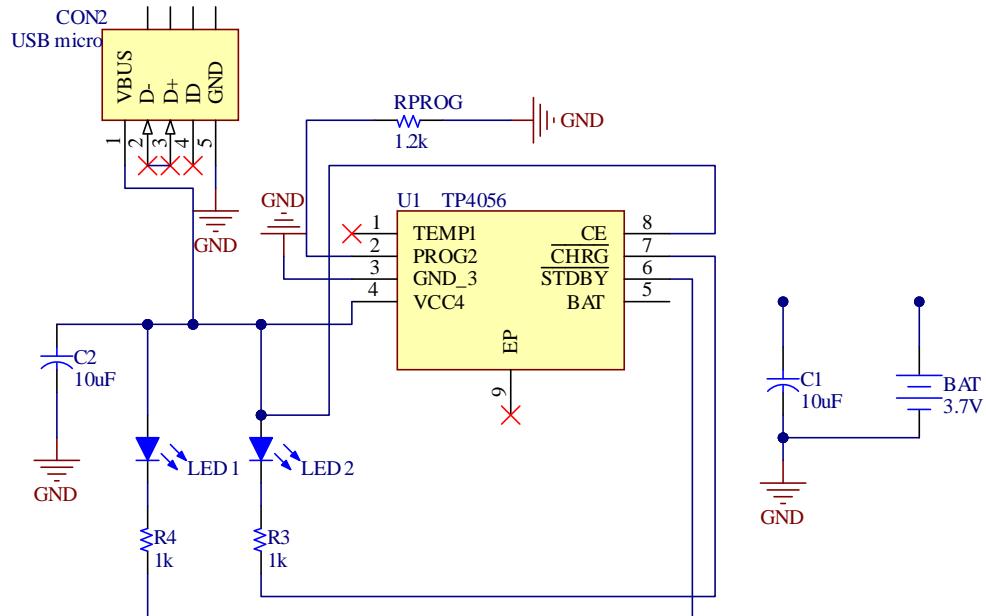
**EEC REPORT PROJECT  
Lithium Battery 18650 Charger And Booster Module  
CLASS CC01  
Instructor: Nguyễn Thịên Ân  
Student ID  
Lục Tân Phúc 2352935**

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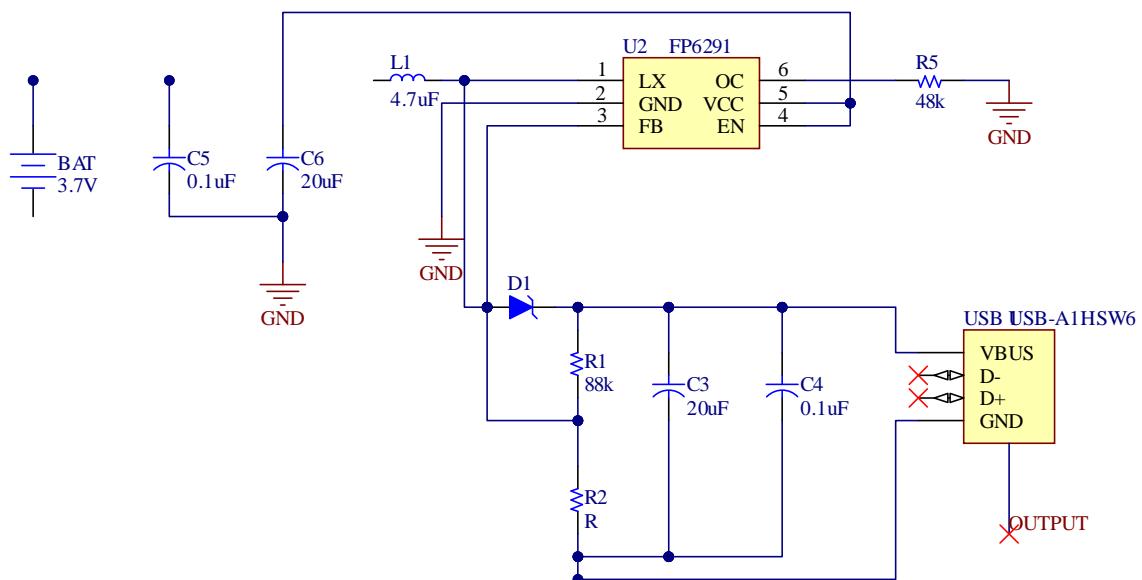
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## 1. Schematic

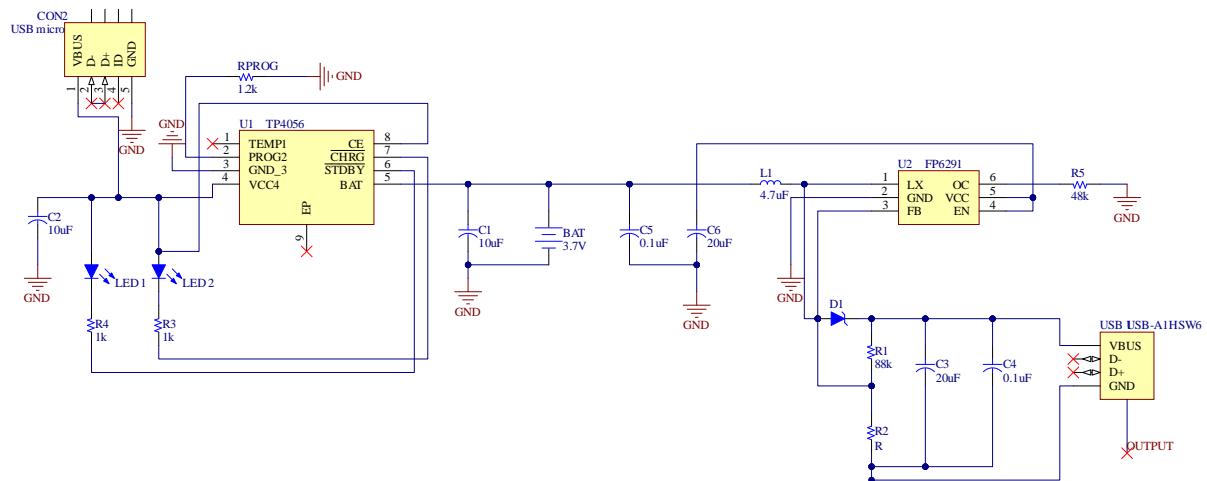
### a. Battery charging circuit



### b. DC-DC Boost Converter Circuit



### c. Full schematic design



## 2. PCB layout

