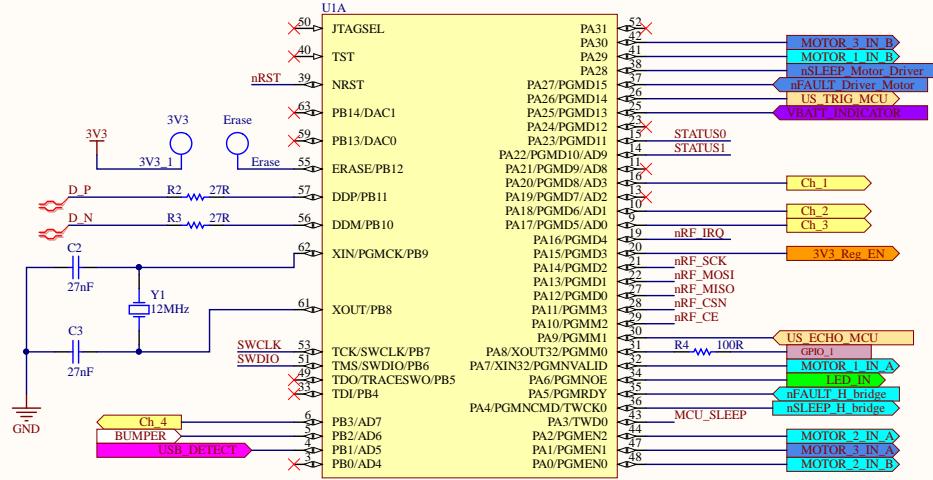
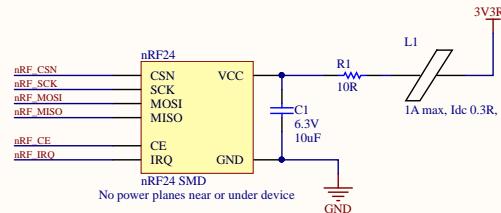


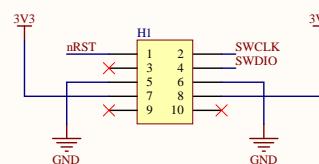
## Atmel SAM4S8 MCU



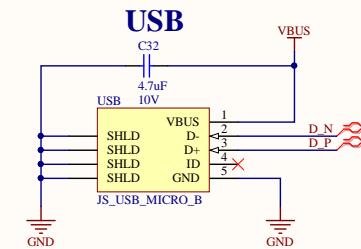
## Nordic SMD Radio Module



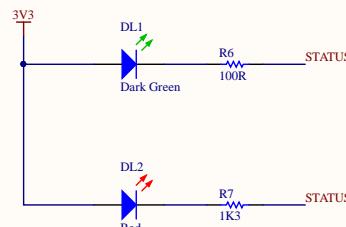
## Programming



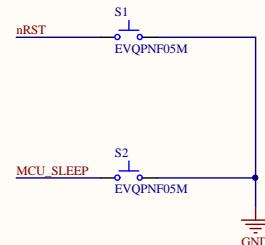
## USB



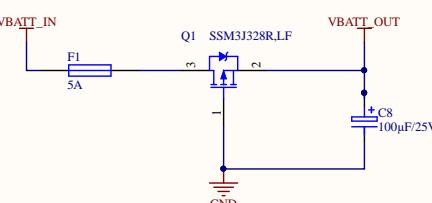
## Status LEDs



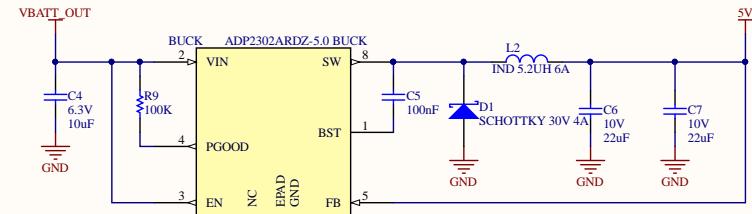
## Switches



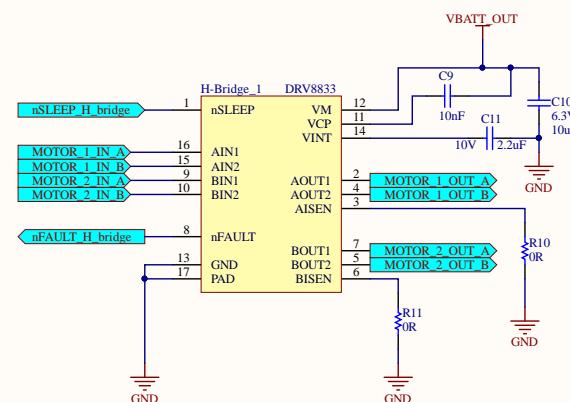
## Reverse Polarity Protection Circuit



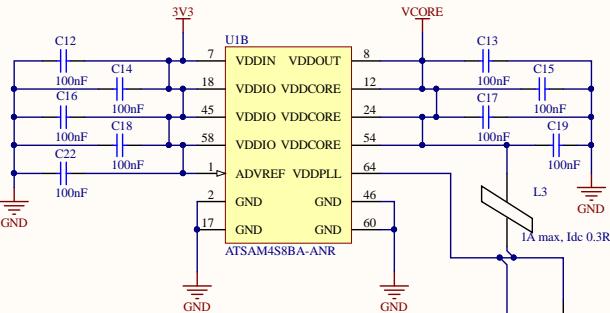
## Buck Regulator IC



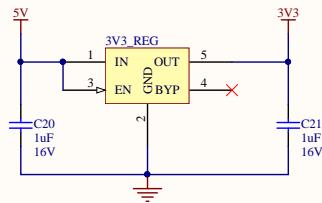
## Dual H-bridge Motor Driver



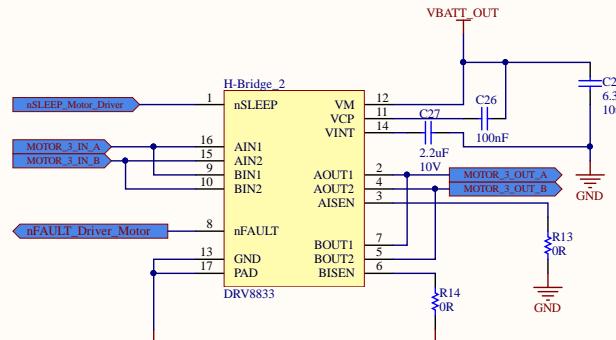
## SAM4S Power



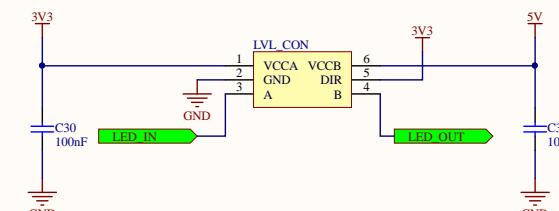
## 3.3 V Regulation



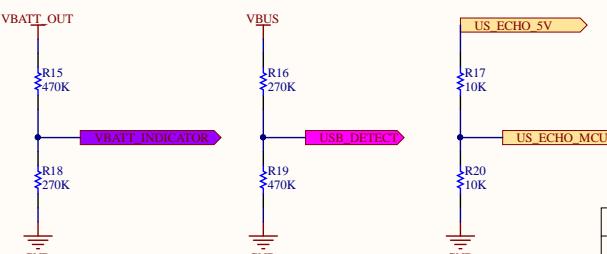
## H-BRIDGE Attack Motor Driver



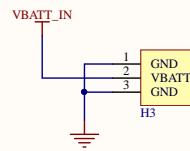
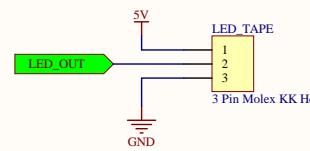
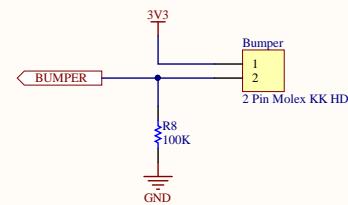
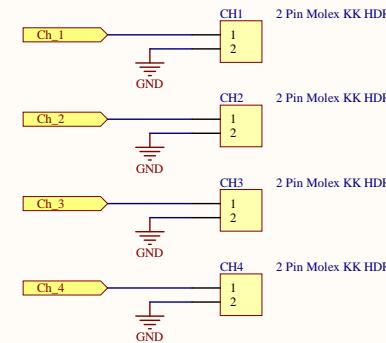
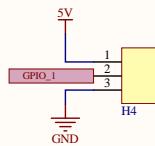
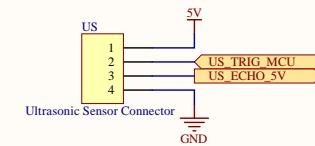
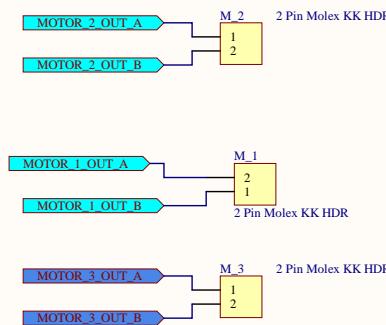
## Level Converter



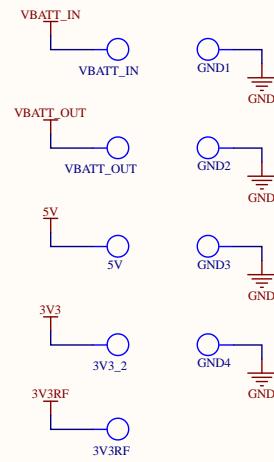
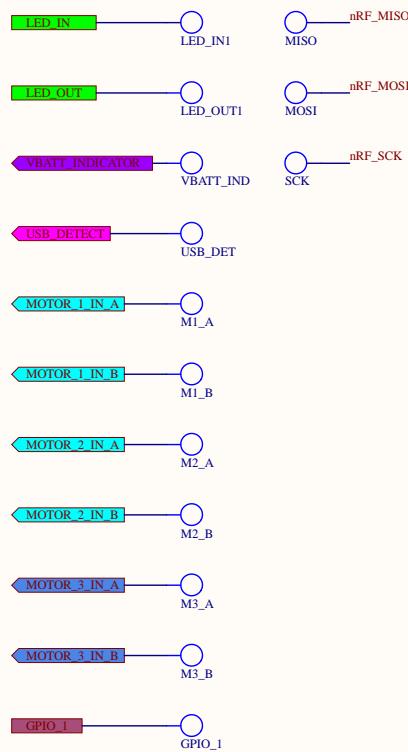
## Voltage Divider



A

**BATT HEADER****LED TAPE HEADER****BUMPER HEADER****RADIO SELECTION HEADERS****10 PIN GPIO BREAKOUT****ULTRASONIC SENSOR****MOTOR HEADERS**

A

**POWER****DATA**

B

A

B

C

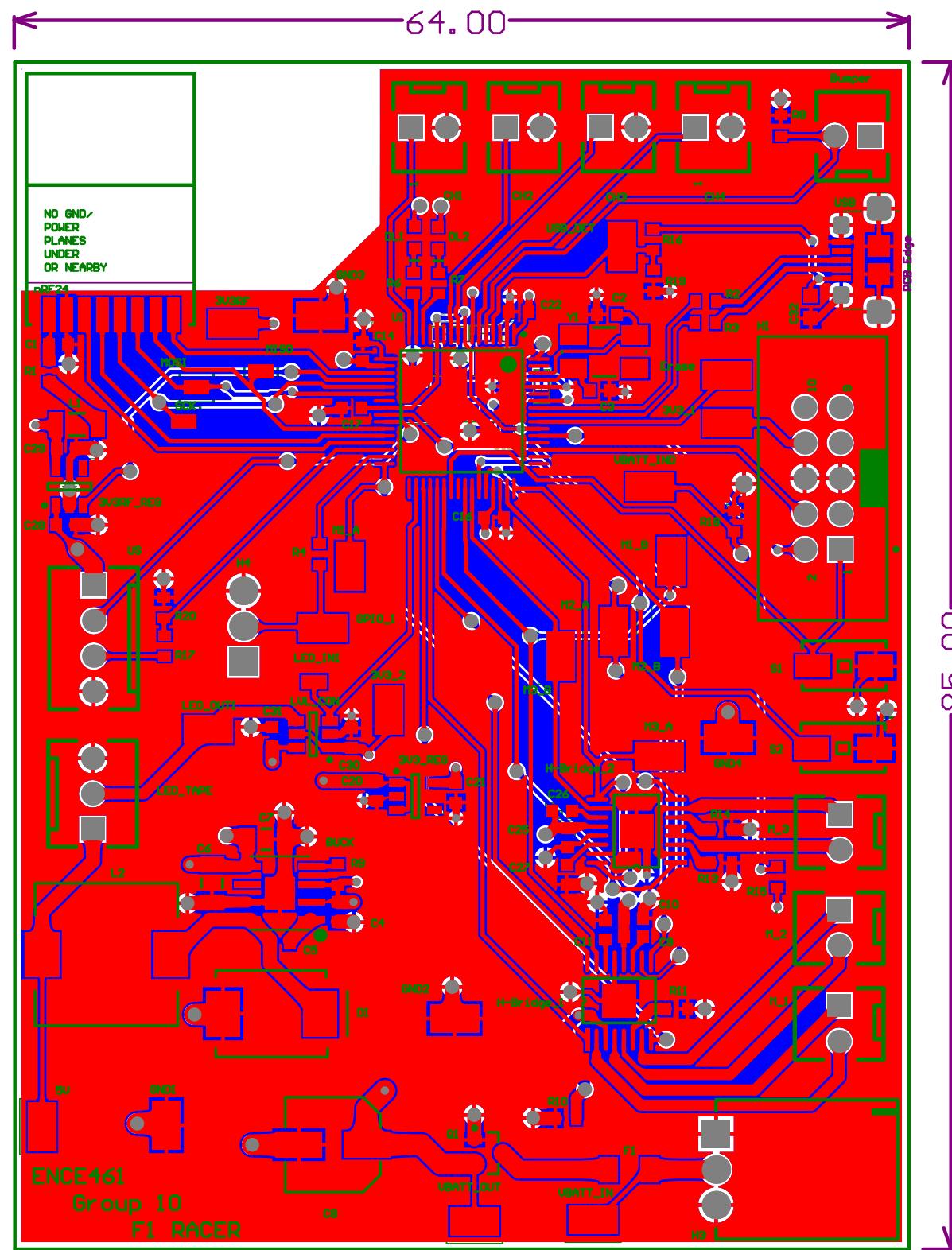
C

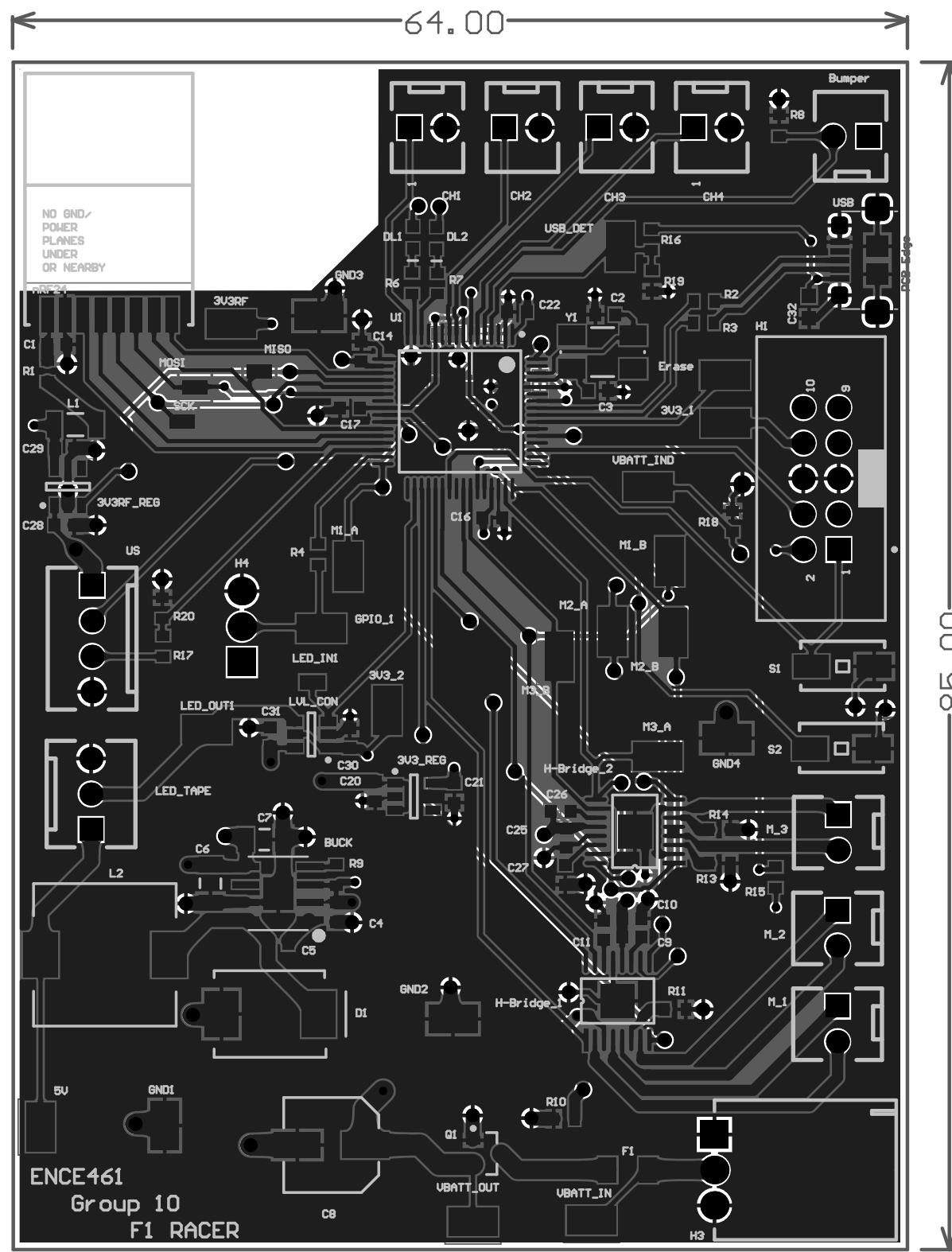
D

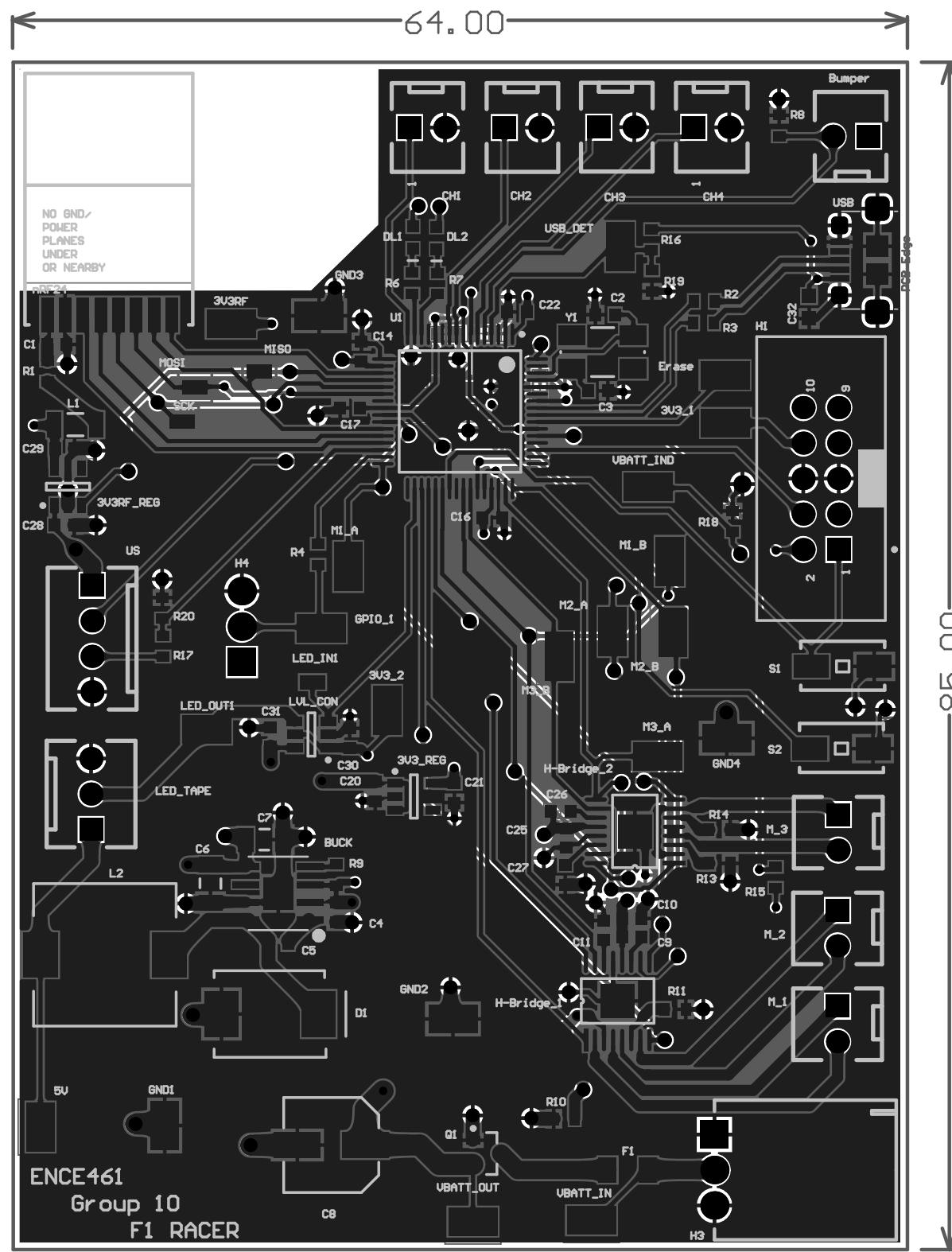
D

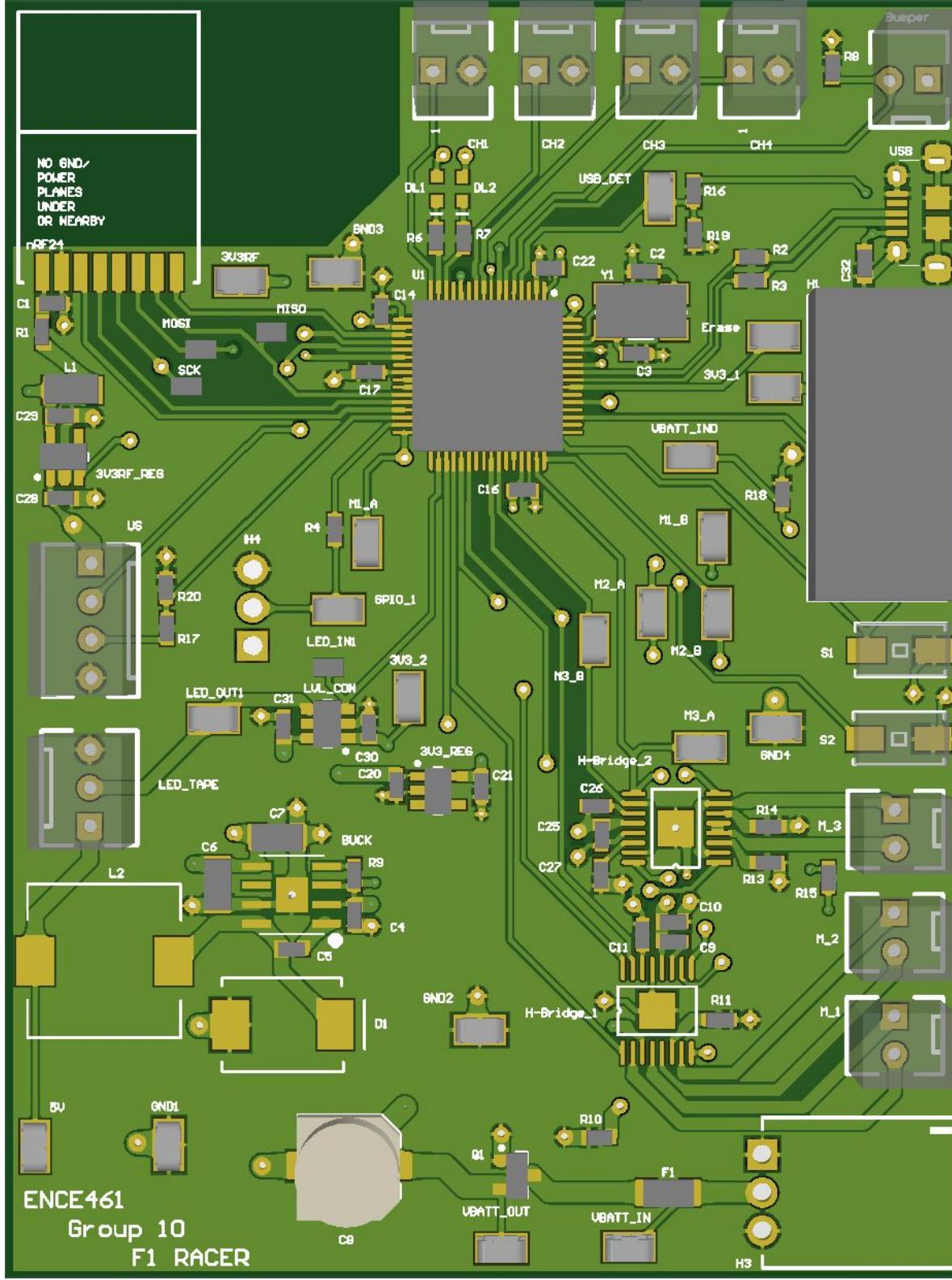
**Title Test Points**

Drawn by Hassan Alhujhoj, Abdullah Naeem	Revision: I
Date: 22/06/2020	Time: 10:39:45 PM
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# BUDU SLACK REPORT

