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REVISION HISTORY

VER#	DATE	REVISIONS	DESCRIPTION OF CHANGES	AUTHOR
1.0.0	20/08/2025	DODANHLUONG DDL	INITIAL RELEASE	DODANHLUONG

A

A

B

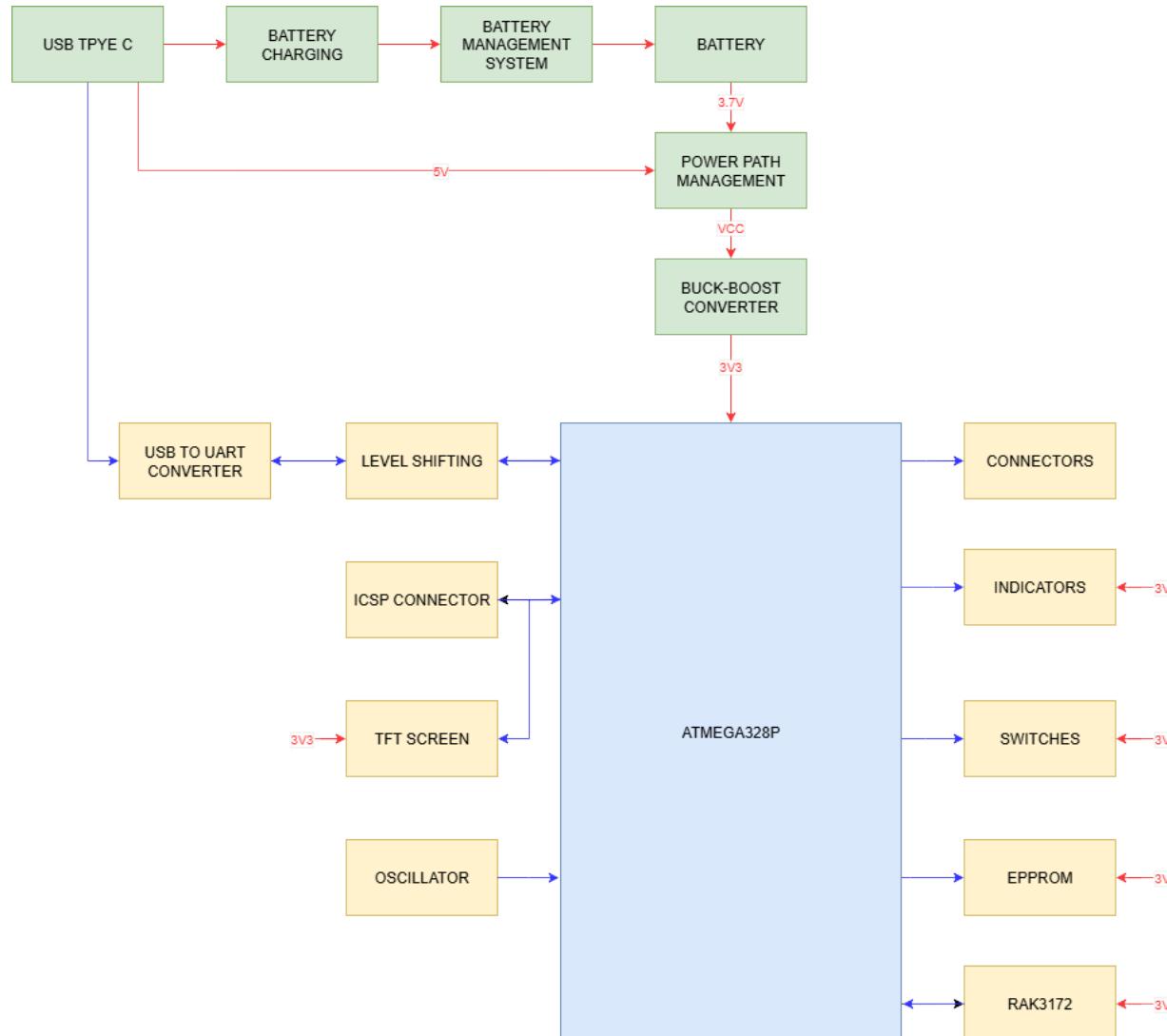
B

C

C

D

D


Block Diagram

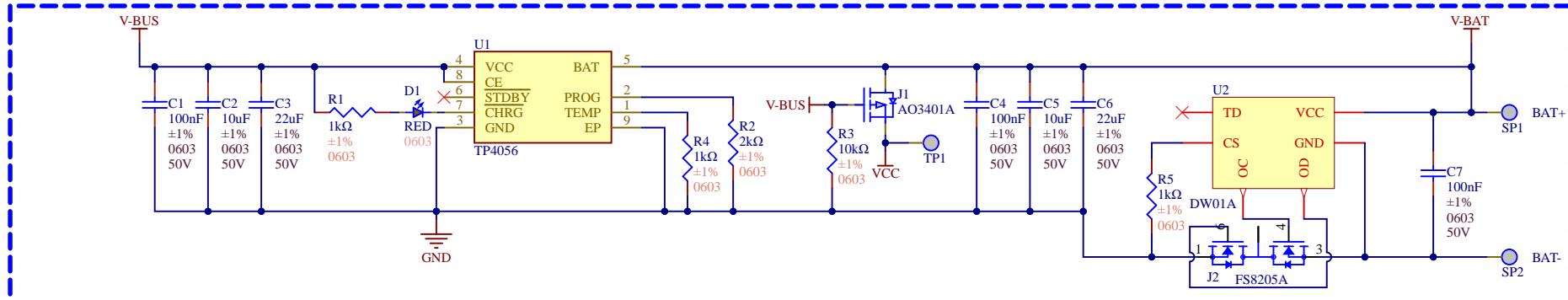
 Title: **Block Diagram**
 Size: A4 Project: **KIT ARDUINO VERSION 1.0**

Date: 9/10/2025 10:57:03 PM | Sheet 2 of 6

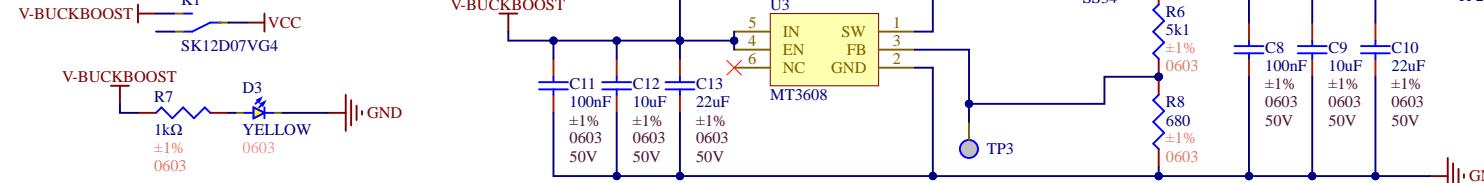
Author: DODANH LUONG	Approved: CONFIDENTIAL
Modified Date: 9/8/2025	Revision: 1.0
SW Version: 24.1.2.44	



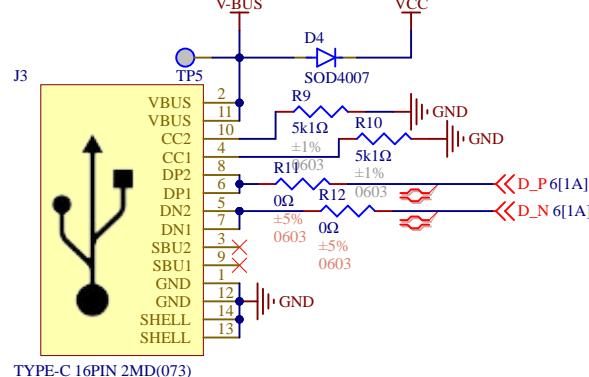
BATTERY CHARGING + BATTERY MANAGEMENT SYSTEM + POWER PATH MANAGEMENT



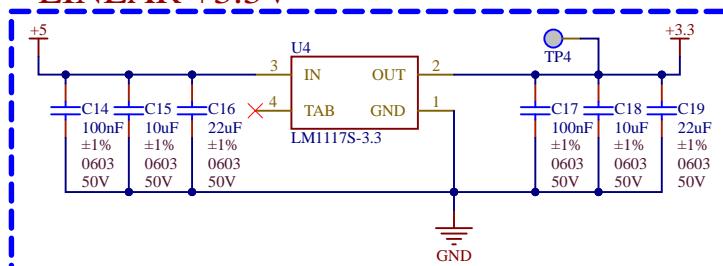
BOOST CONVERTER



USB TYPE C



LINEAR +3.3V



Title: Voltage Source

Size: A4 Project: KIT ARDUINO VERSION 1.0

Date: 9/10/2025 10:57:03 PM Sheet 3 of 6

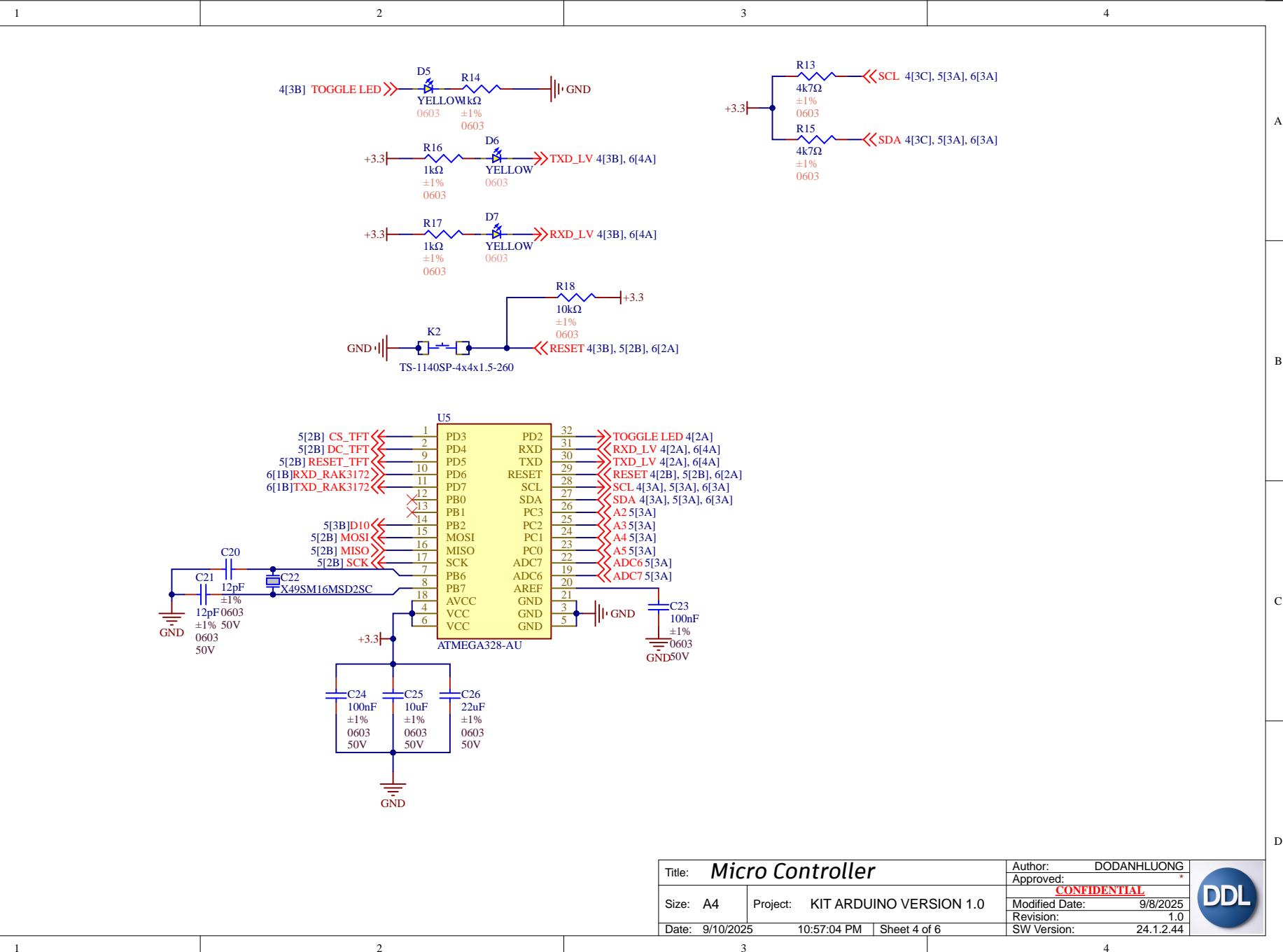
Author: DODANH LUONG
Approved:

CONFIDENTIAL

Modified Date: 9/10/2025
Revision: 1.0

SW Version: 24.1.2.44





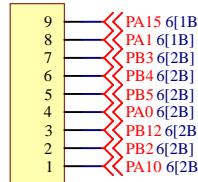
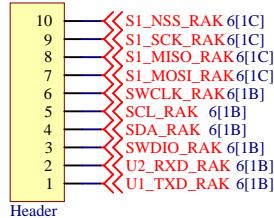
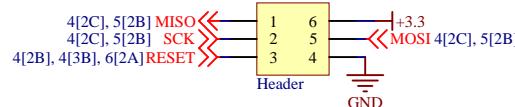
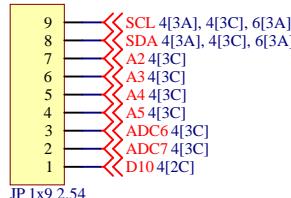
1

2

3

4

A



Connector

Title: Connector
Size: A4 Project: KIT ARDUINO VERSION 1.0

Date: 9/10/2025 10:57:04 PM | Sheet 5 of 6

Author: DODANH LUONG	Approved: CONFIDENTIAL
Modified Date: 9/10/2025	Revision: 1.0
SW Version: 24.1.2.44	

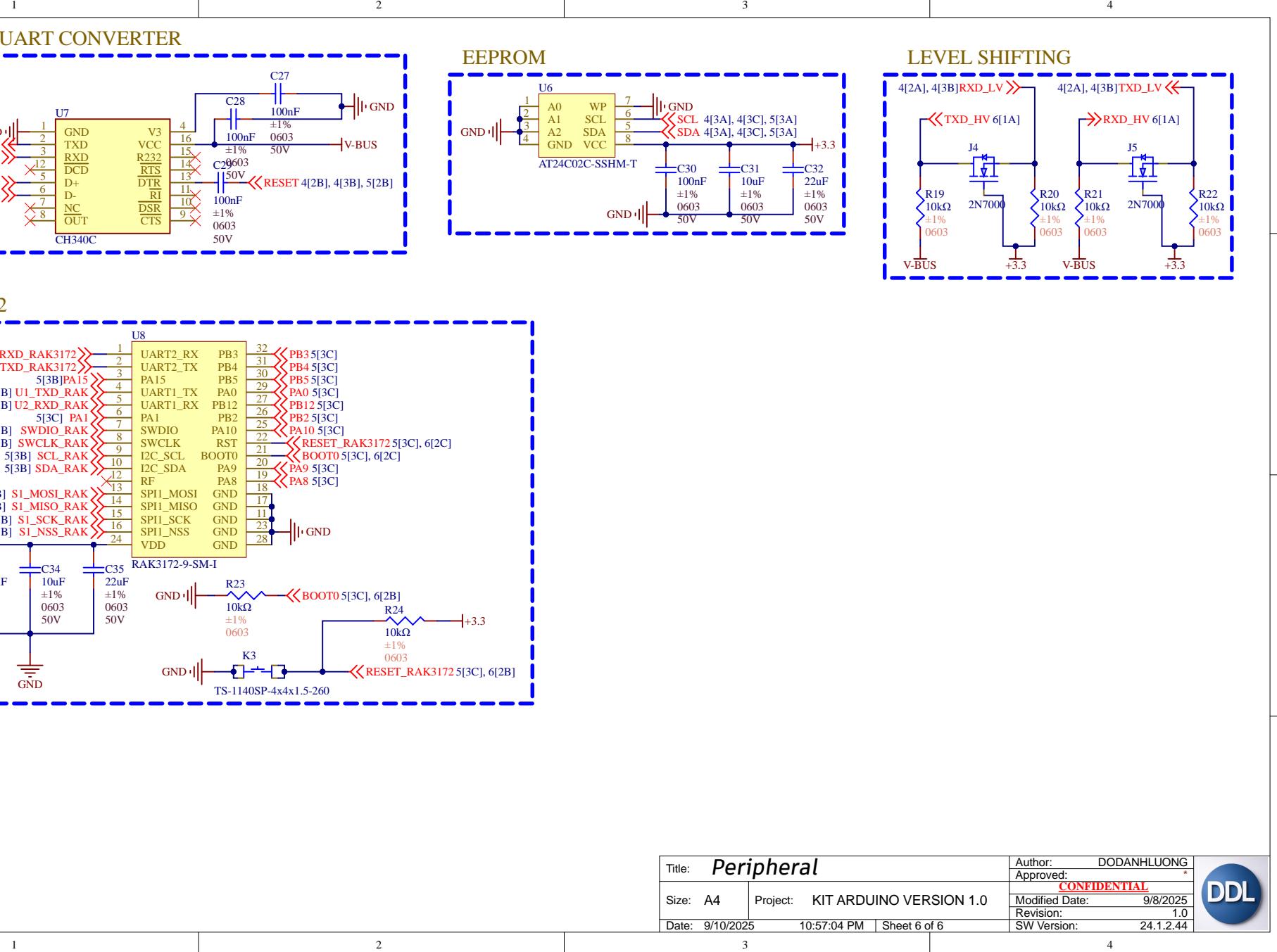


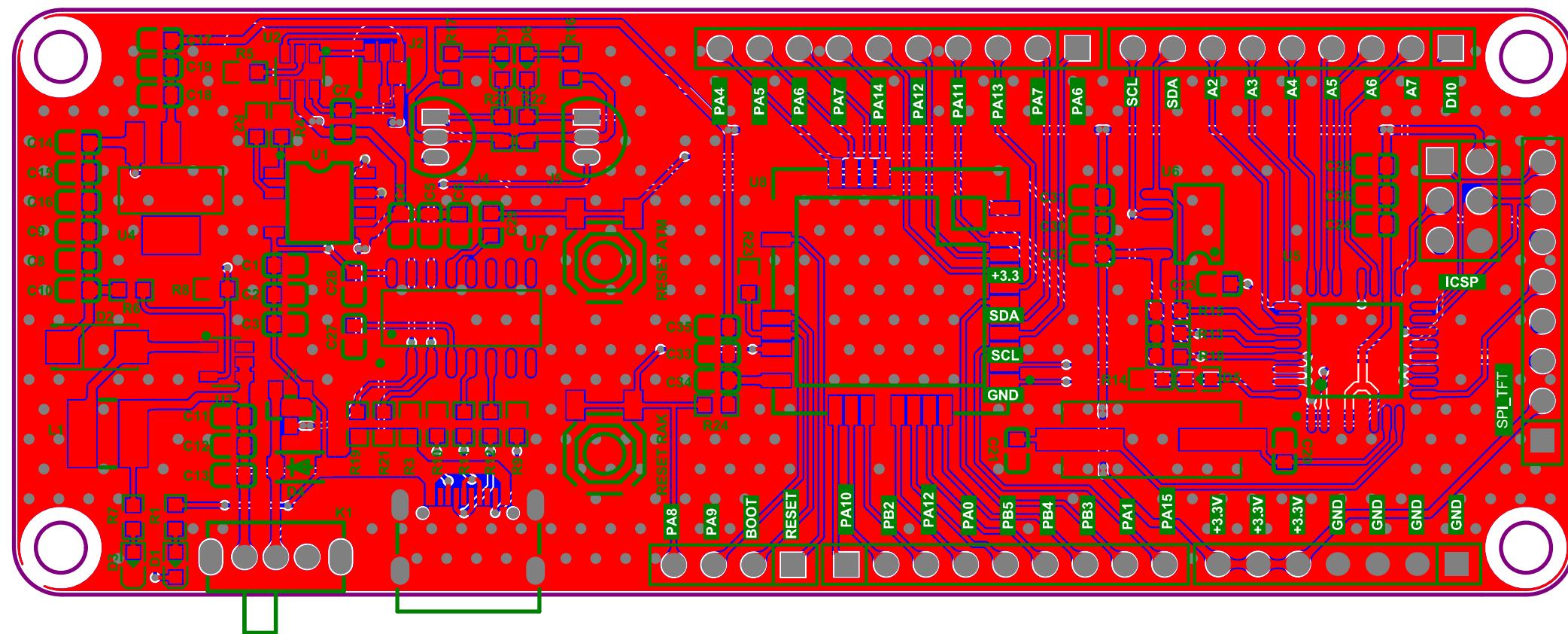
1

2

3

4





Board Stack Report