

A TABLES OF CONTENTS

PAGE	CONTENTS
01	REVISIONS HISTORY
02	BLOCK DIAGRAM
03	VOLTAGE SOURCE
04	MICRO CONTROLLER
05	CONNECTORS
06	PERIPHERALS

REVISION HISTORY

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

A

A

B

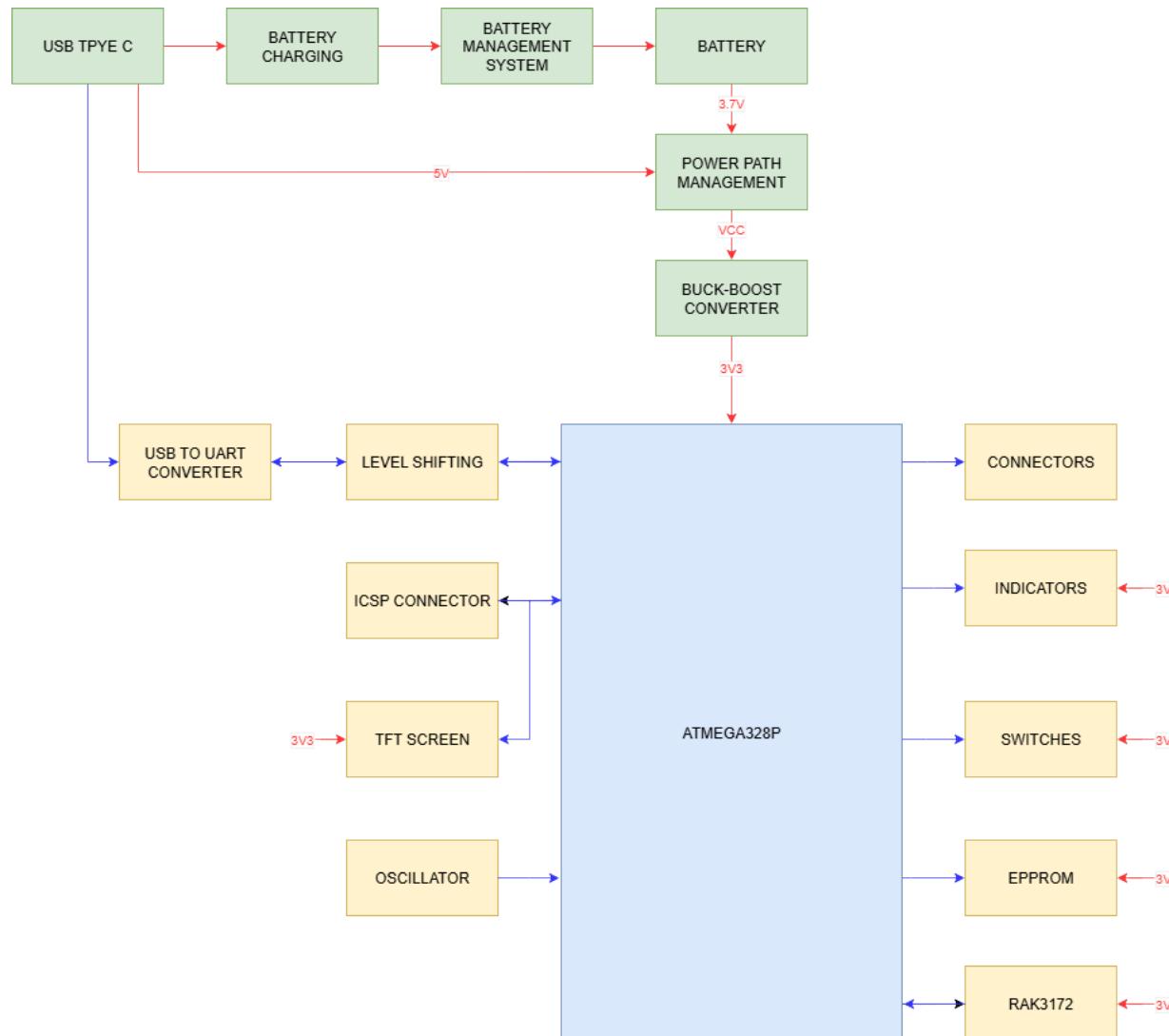
B

C

C

D

D

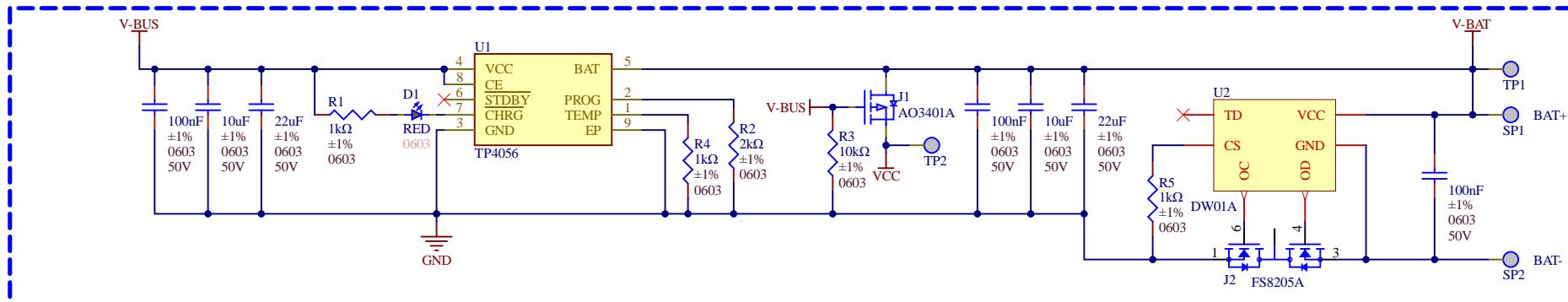

Block Diagram

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

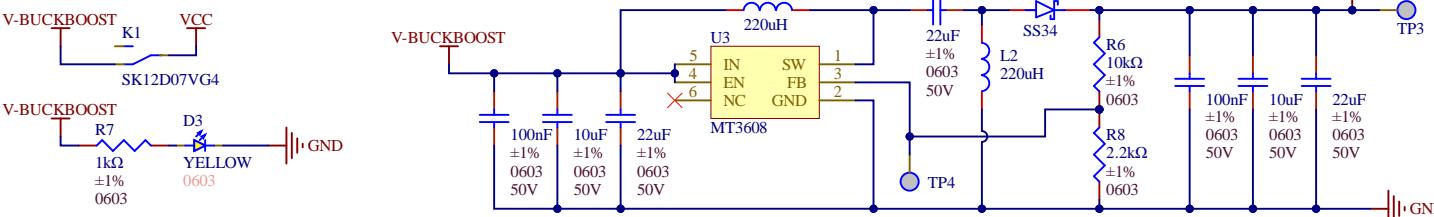
Date: 8/22/2025 7:20:48 PM Sheet 2 of 6

 Author: DODANH LUONG
 Approved: **CONFIDENTIAL**
 Modified Date: 8/22/2025
 Revision: 1.0
 SW Version: 24.1.2.44

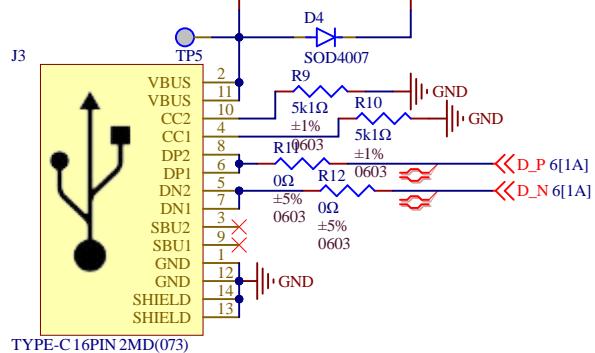

BATTERY CHARGIN + BATTERY MANAGEMENT SYSTEM + POWER PATH MANAGEMENT



BUCKBOOST COVERTER



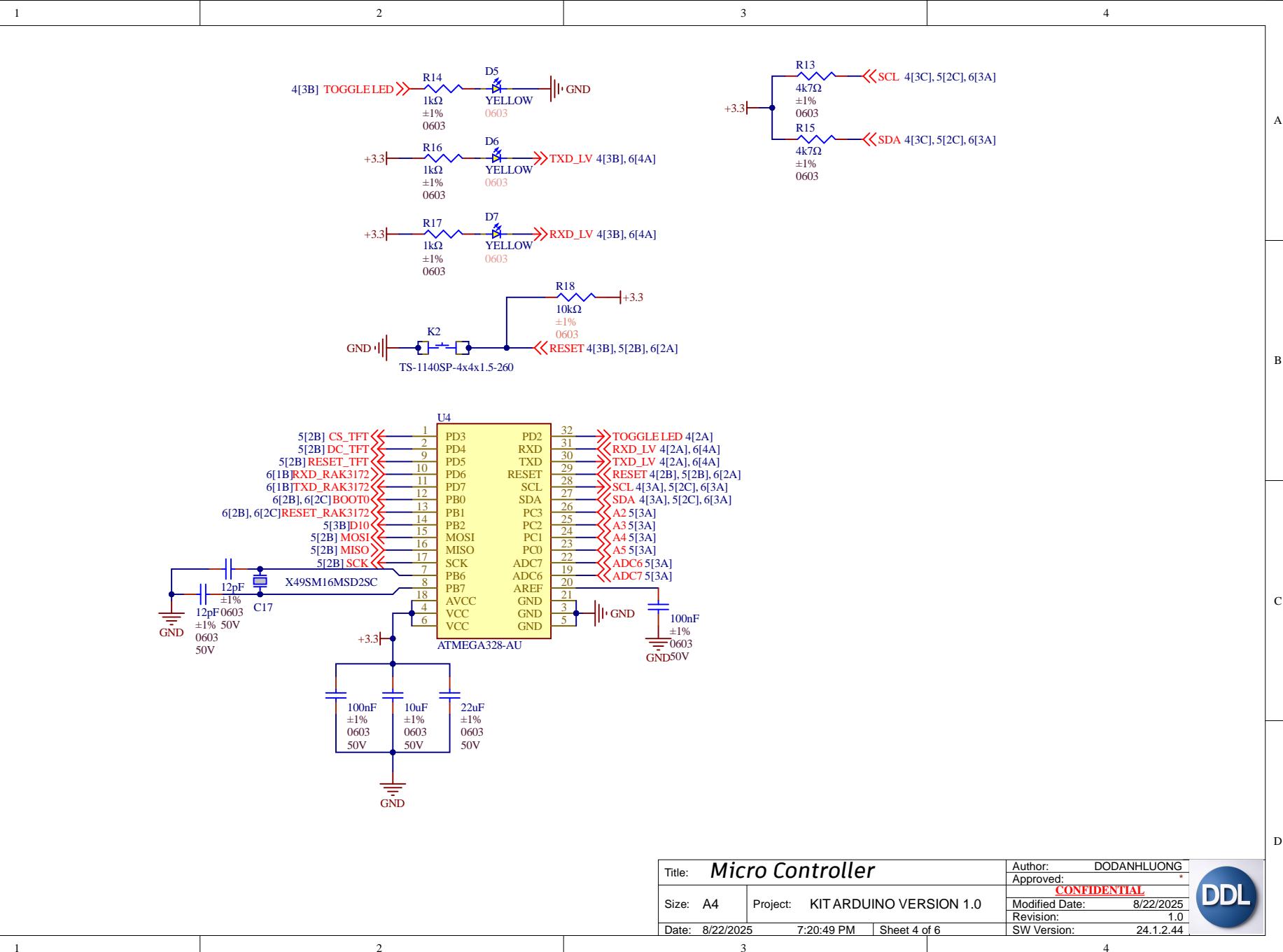
USB TYPE C



Voltage Source

Title: Voltage Source		Author: DODANH LUONG
Approved: CONFIDENTIAL		*
Size: A4	Project: KIT ARDUINO VERSION 1.0	Modified Date: 8/22/2025
Date: 8/22/2025	7:20:48 PM	Revision: 1.0
		SW Version: 24.1.2.44





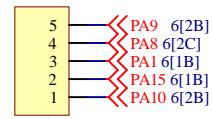
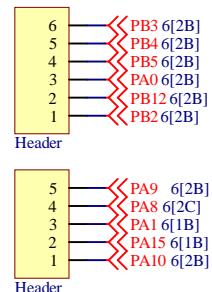
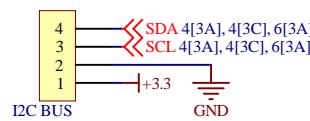
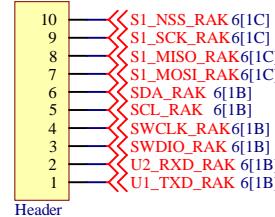
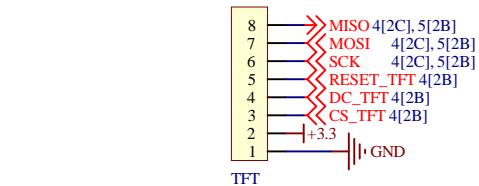
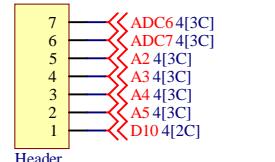
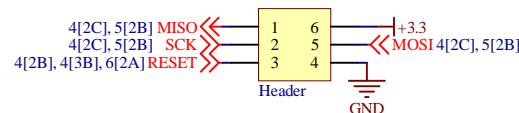
1

2

3

4

A



1

2

3

4

Title: Connector		Author: DODANH LUONG
Approved: CONFIDENTIAL		*
Size: A4	Project: KIT ARDUINO VERSION 1.0	Modified Date: 8/22/2025
Date: 8/22/2025	7:20:49 PM	Revision: 1.0
Sheet 5 of 6		SW Version: 24.1.2.44



