

Logic_Gates_4.PrjPcb

Description Project

Модуль обробки аудіо сигналу для візуалізатора Clubbest.

Audio signal processing module for Clubbest visualizer.

CLUBBEST can be successfully used for stunning visualization of the DJ workplace, can be used to visualize music with any musical instruments, music centers, CLUBBEST will perfectly complement your personal computer when listening to music, and you can also embed it in your home theater.

ProjName - Назва проекту. Project name.

ProjVersion - Поточна версія проекту. The current version of the project.

BoaName - Скорочена назва друкованої плати. Shortened the name of the printed board.

BoaVersion - Поточна версія друкованої плати. The current version of the printed board.

Checked - Ім'я та прізвище перевірюючого проекту плати. The first and last name of the inspection project.

Designer - Дизайнер проекту друкованої плати. Designer of the PCB project.

Project - Код проекту НЕЗМІНЮВАТИ! The project code is not changed!

Functional Diagram.SchDoc

Functional Diagram

Assembly.SchDoc

Assembly

Additional Documents.SchDoc

Additional documents

Table Of Contents.SchDoc

Table Of Contents

Project - 2024-LogicGates4-00B1-PCB-R01

ПРОЕКТУВАЛЬНІ МІРКУВАННЯ
DESIGN CONSIDERATIONS

ПРИМІТКА ДИЗАЙНУ:
приклад тексту для нотаток з налагодження проєкту.

DESIGN NOTE:
Example text for debug notes.

Зразки для копіювання.
Samples to copy.

ПРИМІТКА ДИЗАЙНУ:
приклад тексту для нотаток з налагодження проєкту.

DESIGN NOTE:
Example text for debug notes.

ПРИМІТКА ДИЗАЙНУ:
зразок тексту для інформаційних нотаток дизайну.

DESIGN NOTE:
Example text for informational design notes.

ПРИМІТКА ДО МАКЕТУ ДП:
зразок тексту для критичних приміток щодо макету друкованої плати.

LAYOUT NOTE:
Example text for critical layout guidelines.

ПРИМІТКА ДО МАКЕТУ ДП:
зразок тексту для критичних приміток щодо макету друкованої плати.

DESIGN NOTE:
Example text for critical layout guidelines.

ПРИМІТКА ДИЗАЙНУ:
зразок тексту для критичних приміток щодо дизайну.

DESIGN NOTE:
Example text for critical design notes.

ПРИМІТКА ДО МАКЕТУ ДП:
зразок тексту для критичних приміток щодо макету друкованої плати.

LAYOUT NOTE:
Example text for critical layout guidelines.

Project appearance



Designed for: Catcatcat Etsy

Project Title:	LogicGates4	Project ID:	2024-LogicGates4-00B1-PCB-R01
Project Version:	00B1	Lead Project:	Catcatcat
PCB Name:	PCB	Engineer SCH:	Catcatcat
PCB Revision:	01	Engineer PCB:	Catcatcat
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Date:	18.05.2024	Time:	19:16:14
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		Size:	A3



Additional Documents

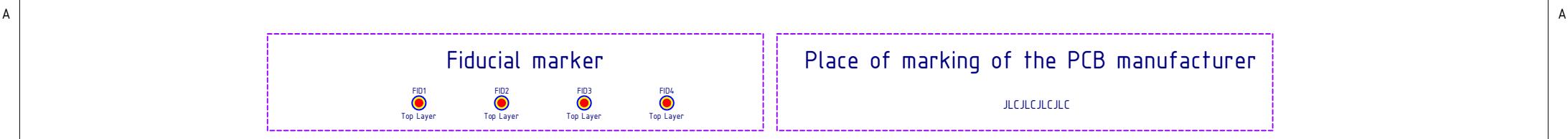
Links to additional project documents

<i>Designed for:</i>	Catcatcat Etsy
Project Title:	LogicGates4
Project ID:	2024-LogicGates4-00B1-PCB-R01
Project Version:	00B1
Lead Project	Catcatcat
PCB Name:	PCB
Engineer SCH	SCH Catcatcat
PCB Revision:	01
Engineer PCB:	PCB Catcatcat
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Inspection PRJ	Catcatcat
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<i>Development company</i>	
Catcatcat Electronics	
Ukraine, Dnipro, Avenue Mira	
catacatelectronics@gmail.com	
+380 50 575-98-63	
<i>Note</i>	
	

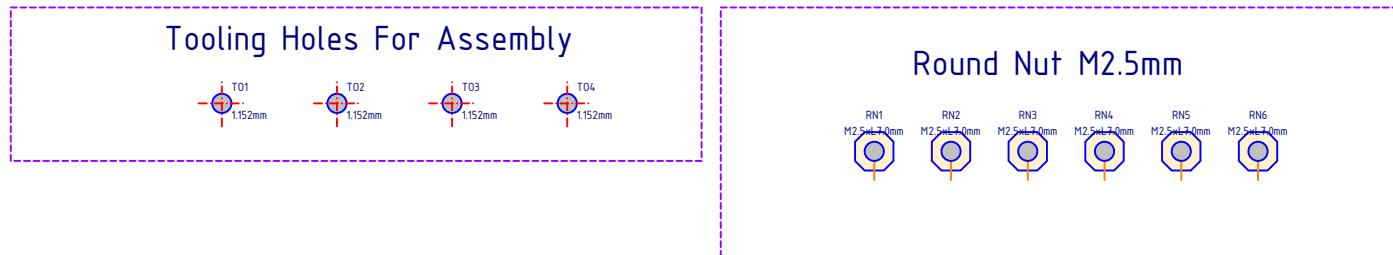
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Board Assembly Components

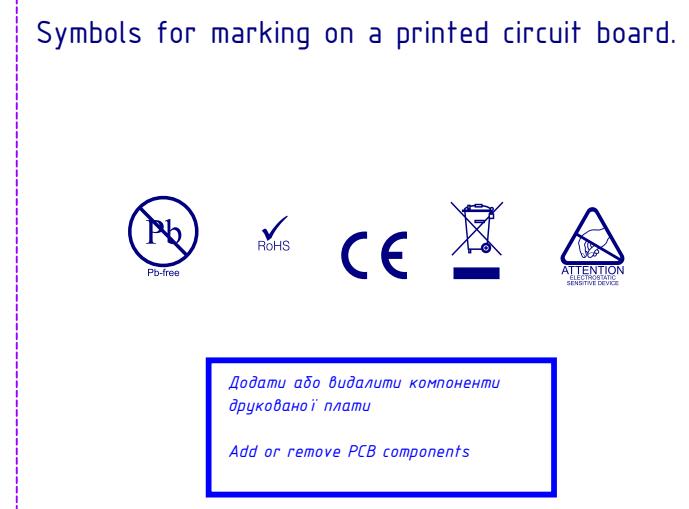
A



B



C



D

Designed for: **Catcatcat Etsy**

Project Title: LogicGates4	Project ID: 2024-LogicGates4-00B1-PCB-R01
Project Version: 00B1	Lead Project: Catcatcat
PCB Name: PCB	Development company: Catcatcat Electronics
PCB Revision: 01	Ukraine, Dnipro, Avenue Mira
Sheet Title: Assembly	catcatcat_electronics@gmail.com
Assembly Variant: [No Variations]	+380 50 575-98-63
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Table Of Contents

List of project sheets.

TABLE OF CONTENTS

Sheet NO:	Sheet name	Notes
1	ProjectDescription.SchDoc	Brief description of the project and purpose of notes.
2	Additional Documents.SchDoc	Links to documents used and project development notes.
3	Assembly.SchDoc	Standard components used in the PCB assembly process.
4	Table Of Contents.SchDoc	Document with a brief description of the purpose of the sheets.
5	Functional Diagram.SchDoc	Project block diagram with common components.
6	Power	Power Management Module.
7	MCU	Microcontroller module.
8	Sound	Interactive tactile and audio feedback module.
9	Display	Interactive light feedback module.
10	Touch Sensors	Capacitive touch buttons.
11	****	****
12	****	****
13	****	****
14	****	****
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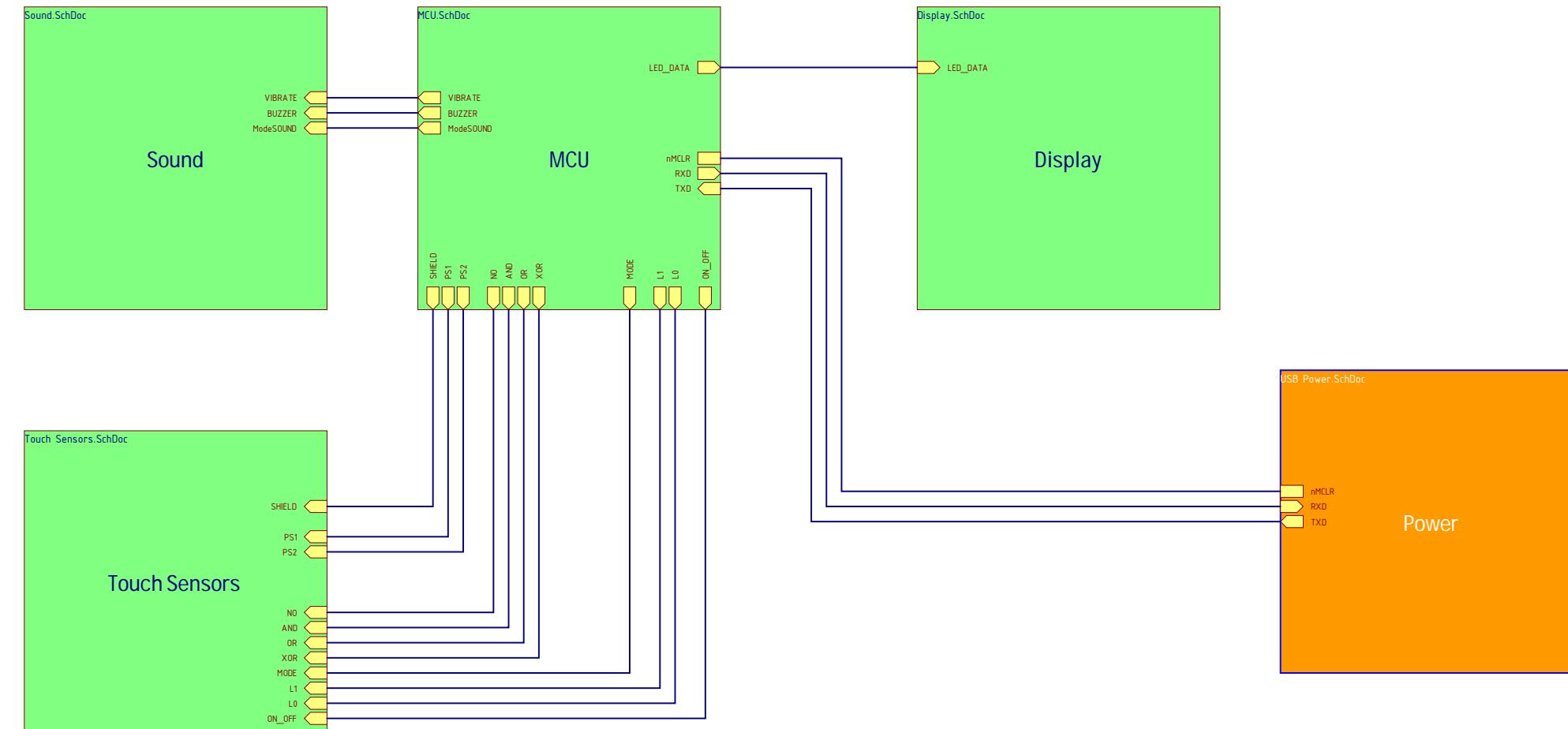
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Project Title: LogicGates4	Project ID: 2024-LogicGates4-00B1-PCB-R01	Development company
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Functional Diagram

Project flowchart.



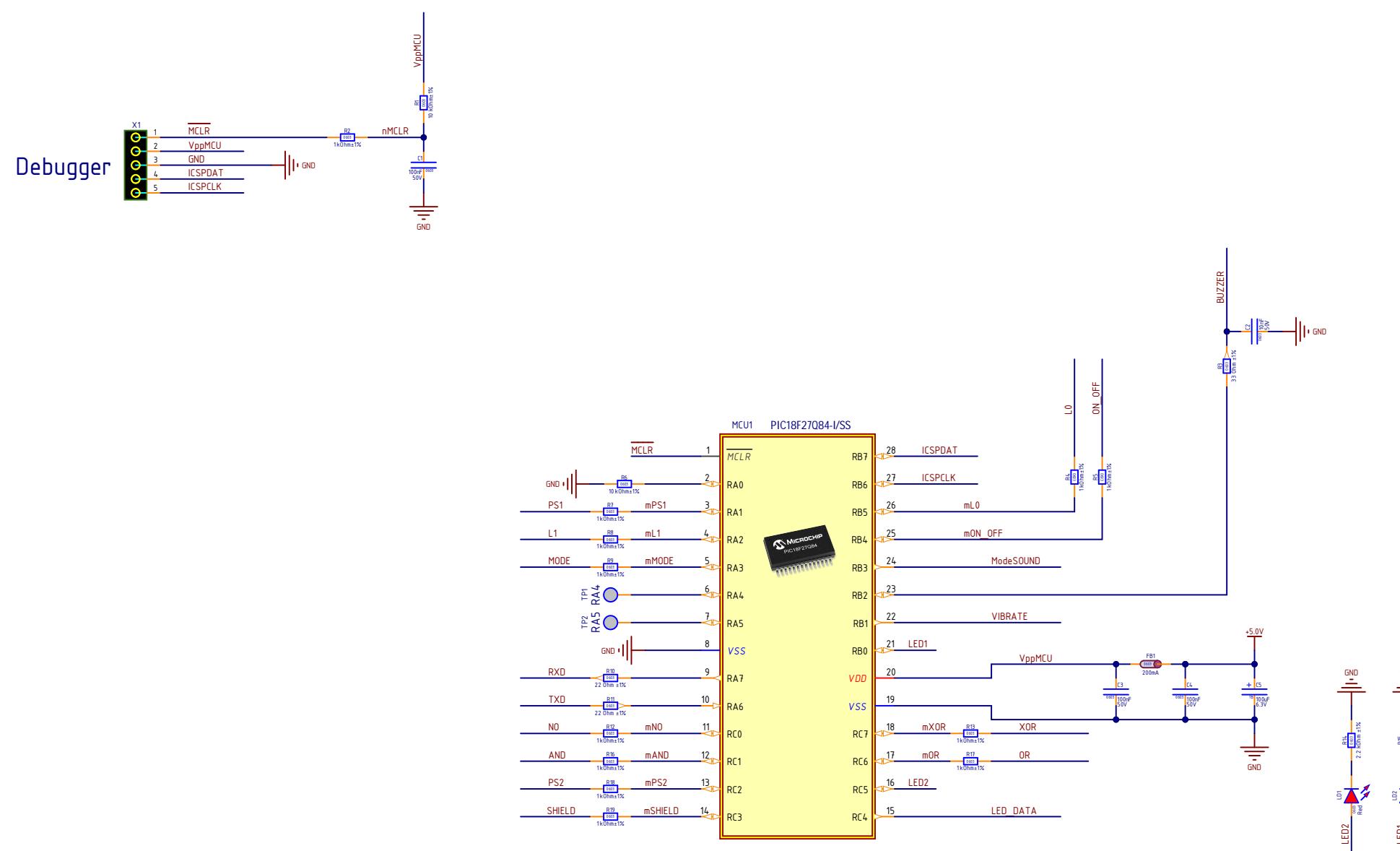
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PCB Revision: 01	Engineer SCH: SCH_Catcatcat Ukraine, Dnipro, Avenue Mira catcatcat.electronics@gmail.com +380 50 575-98-63
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MCU

Description



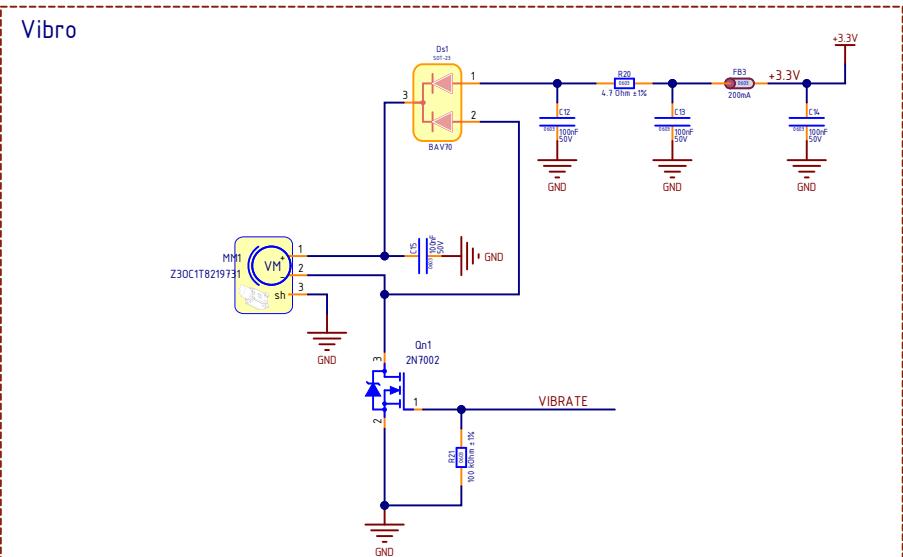
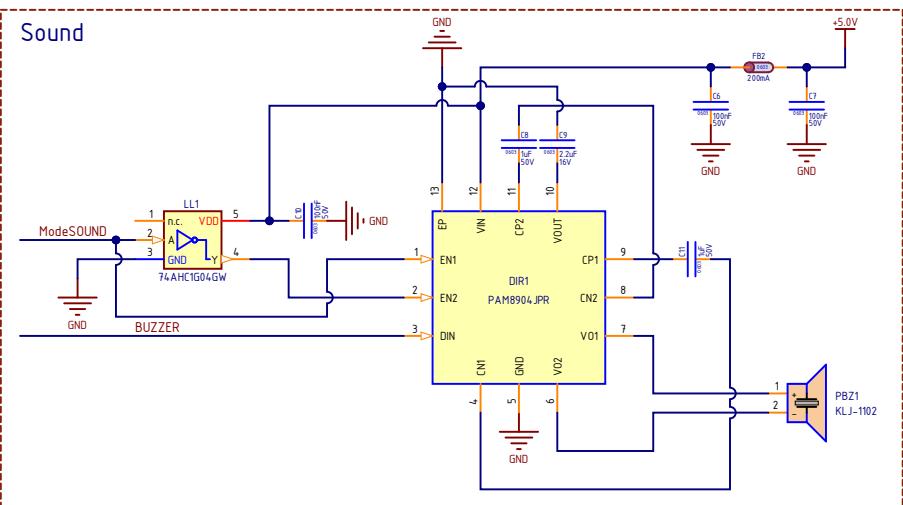
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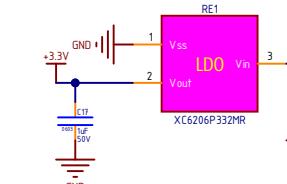


Sound

Interactive tactile and audio feedback module.



For vibration drive



Designed for: **Catcatcat Etsy**

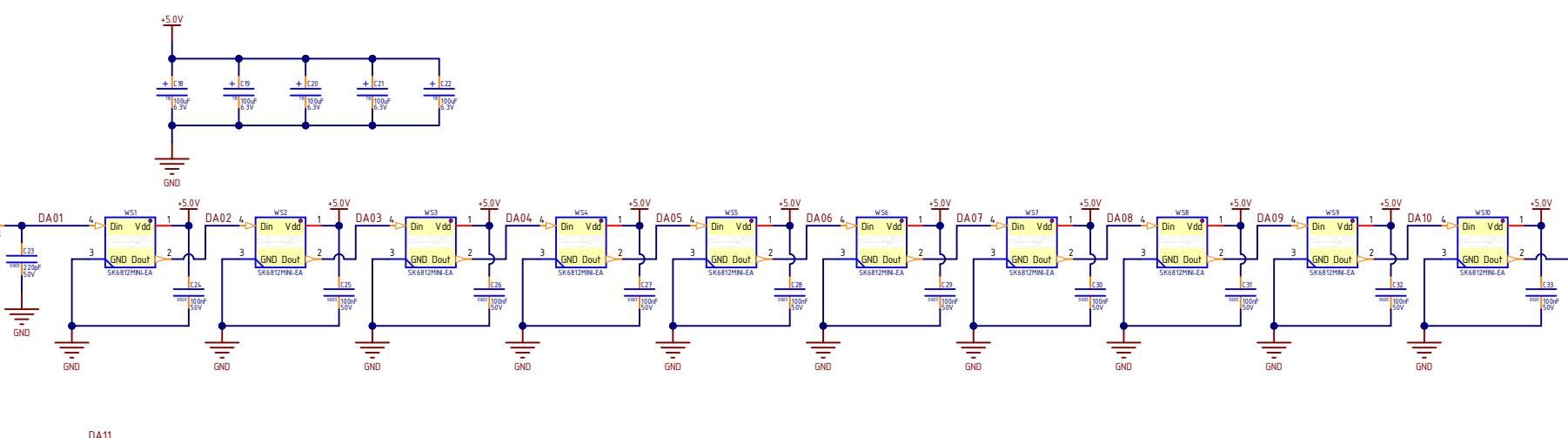
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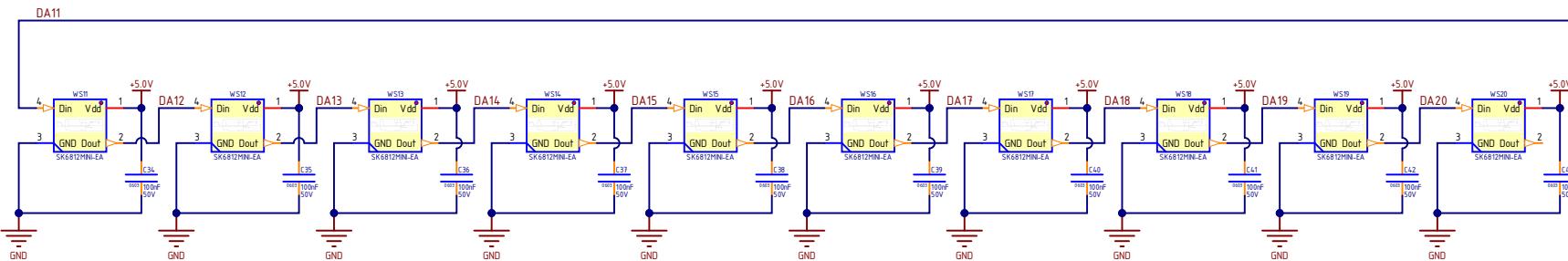
Display

Interactive lightfeedback module.

A



B



C

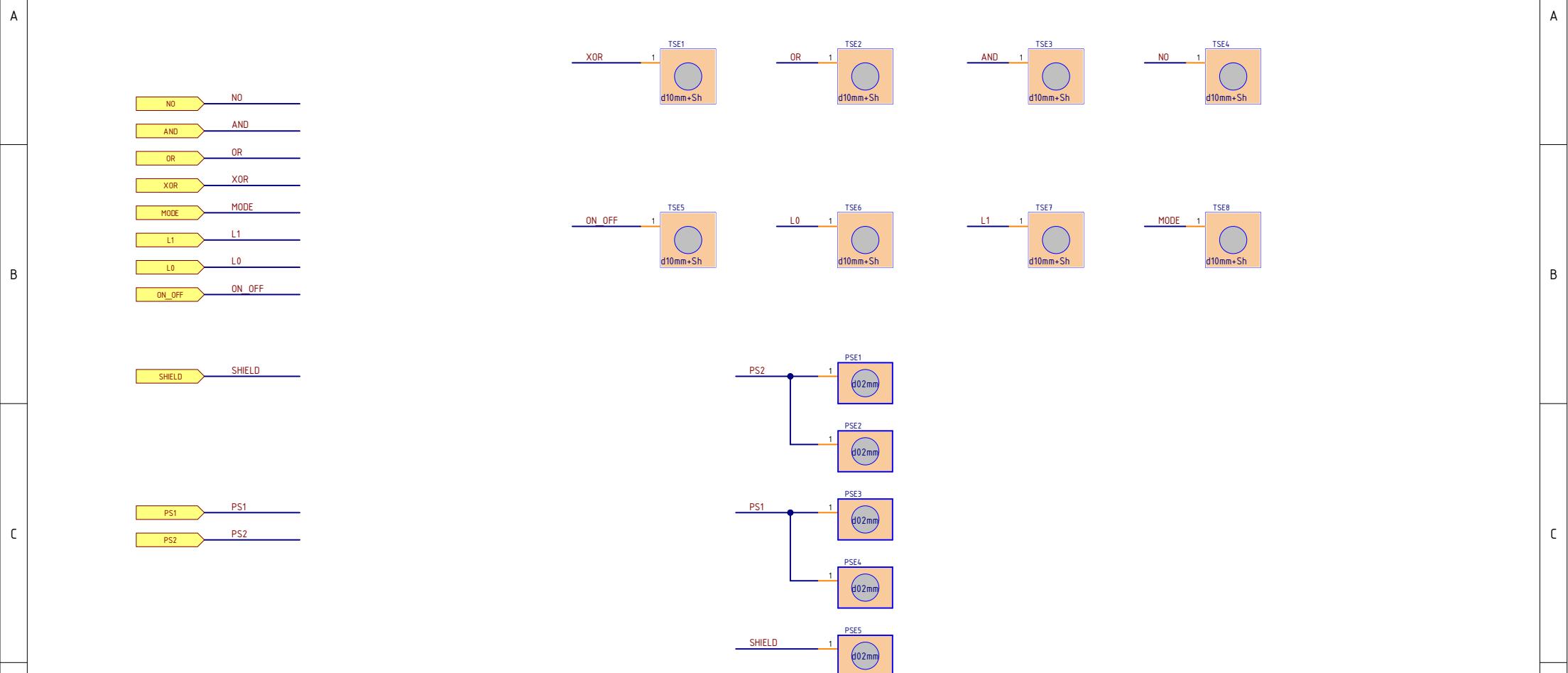
Designed for: **Catcatcat Etsy**

Project Title: LogicGates4-00B1-PCB-R01	Project ID: 2024-LogicGates4-00B1-PCB-R01	Development company Catcatcat Electronics Ukraine, Dnipro, Avenue Mira catcatcat_electronics@gmail.com +380 50 575-98-63
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Touch Sensors

Capacitive touch buttons.



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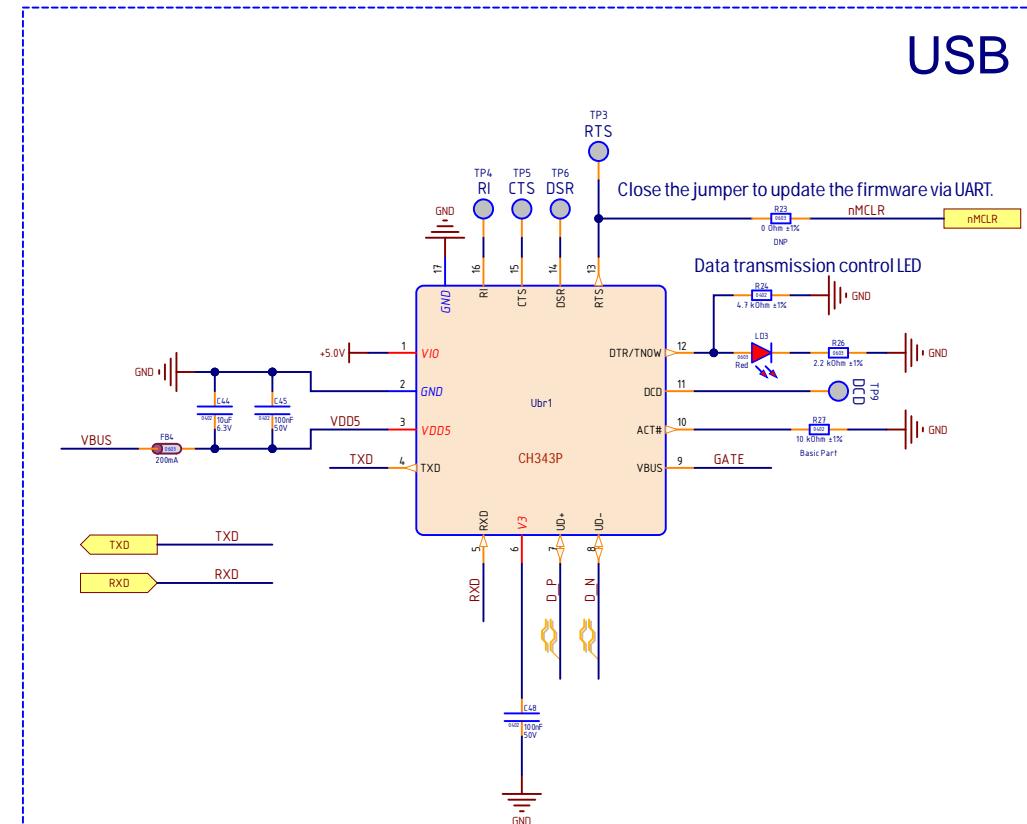
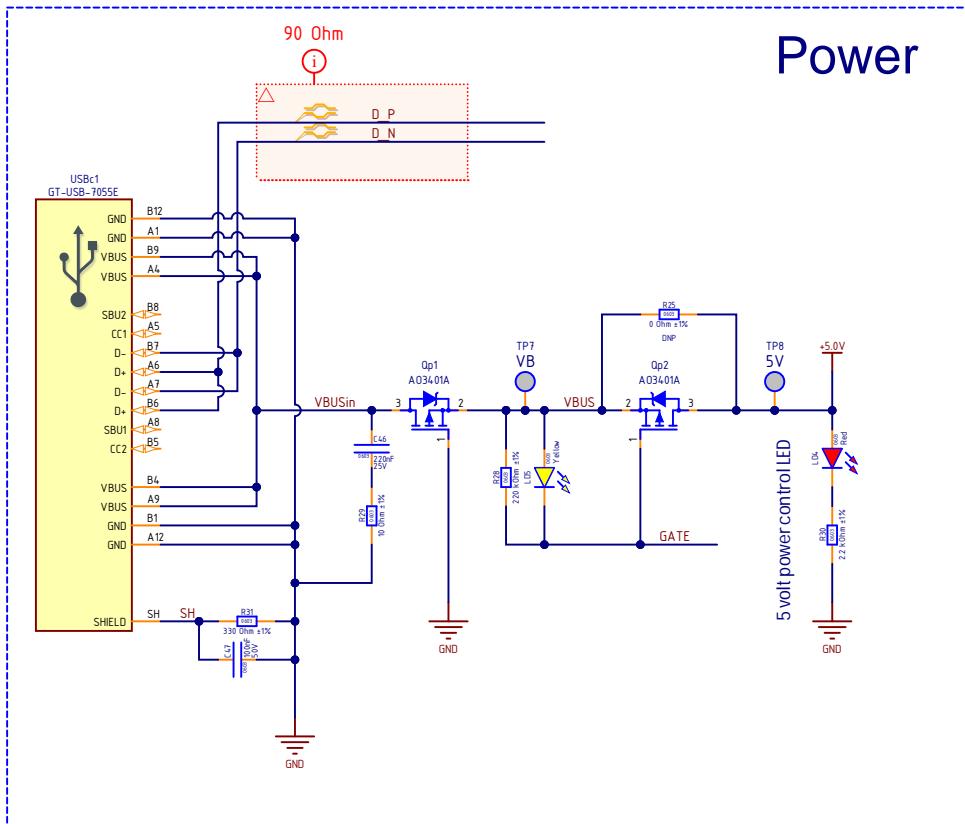
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		Size:	A4

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Note



USB Power

Description



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Project Title: LogicGates4	Project ID: 2024-LogicGates4-00B1-PCB-R01	Development company Catcatcat Electronics Ukraine, Dnipro, Avenue Mira catcatcat_electronics@gmail.com +380 50 575-98-63
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