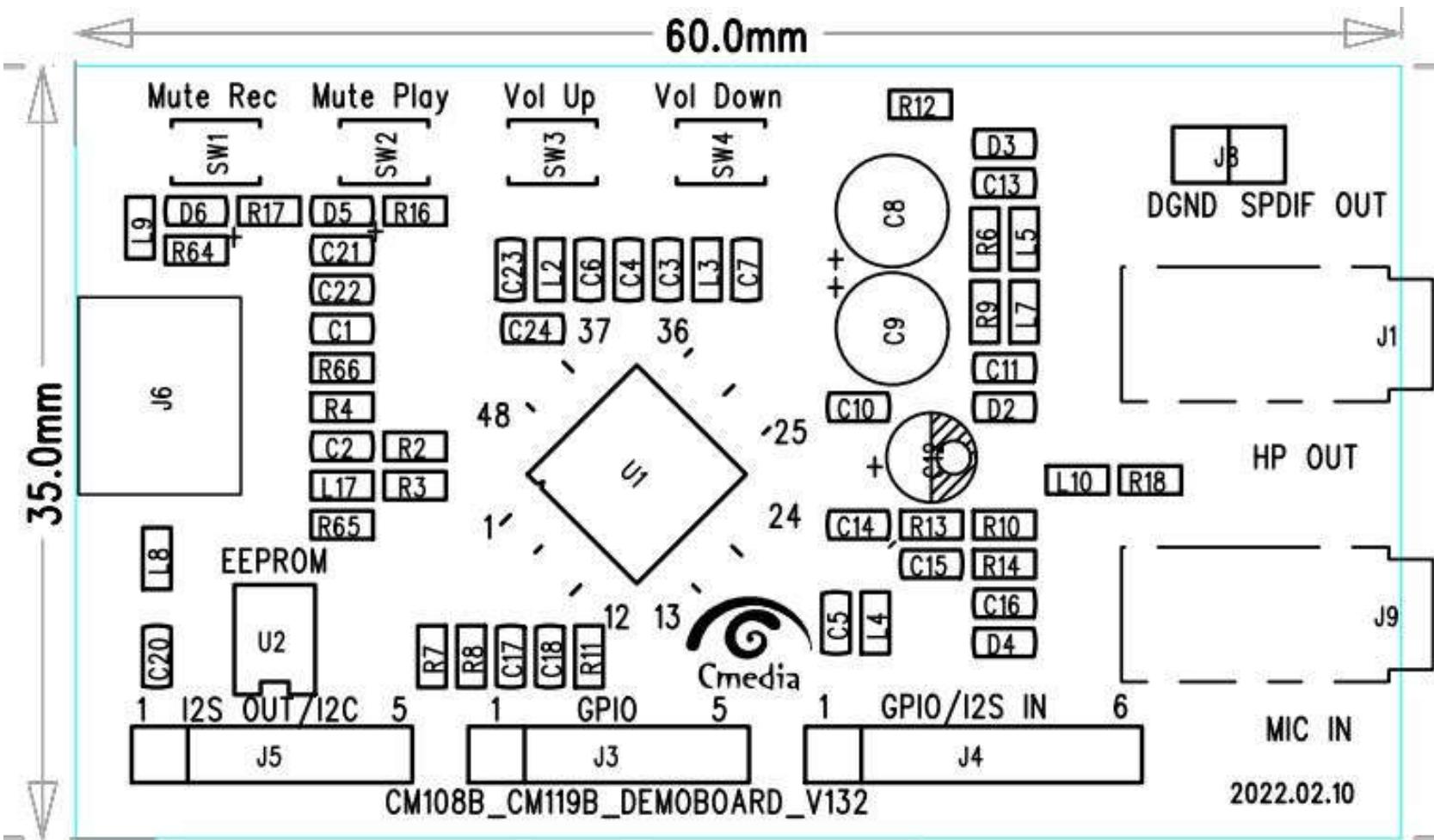


Rev.	Notice	Created by	Date
1.0	First release	Gresson Tseng	09/25/2013
1.1	Main IC PIN names revision	Gresson Tseng	05/16/2014
1.2	Improve watchdog reset sensitivity for ESD protection / Adjustment of components at audio I/O paths for EMI solutions.	Gresson Tseng	07/15/2016
1.3.1	1. L6,L9 Changed to 0 ohm 2. R10 Changed to 8K2 ohm 3. R6,R9 Changed to 39 ohm 4. C10 Changed to 106 5. C12 Changed to 1uF/50V	Vic Chen	06/08/2020
1.3.2	USB Connector Changed to Type-C HP out and Mic in changed to 4-Ring PhoneJack SPDIF Out changed to pin header	Vic Chen	01/25/2022
1.3.3	Modify the resistance value of R10 from 8K2 to 0	Vic Chen	09/25/2023



C-MEDIA ELECTRONICS Inc.
6F., 100, Sec. 4, Civil Boulevard, Taipei, Taiwan, R.O.C.

Title	CM 108B/CM 119B USB Audio Device	
Size	Document Number	Rev
	Release Note	1.3.3
Date:	Monday, September 25, 2023	Sheet 1 of 4



C-MEDIA ELECTRONICS Inc.

6F., 100, Sec. 4, Civil Boulevard, Taipei, Taiwan, R.O.C.

Title

CM108B/CM119B USB Audio Device

Size

A

Document Number

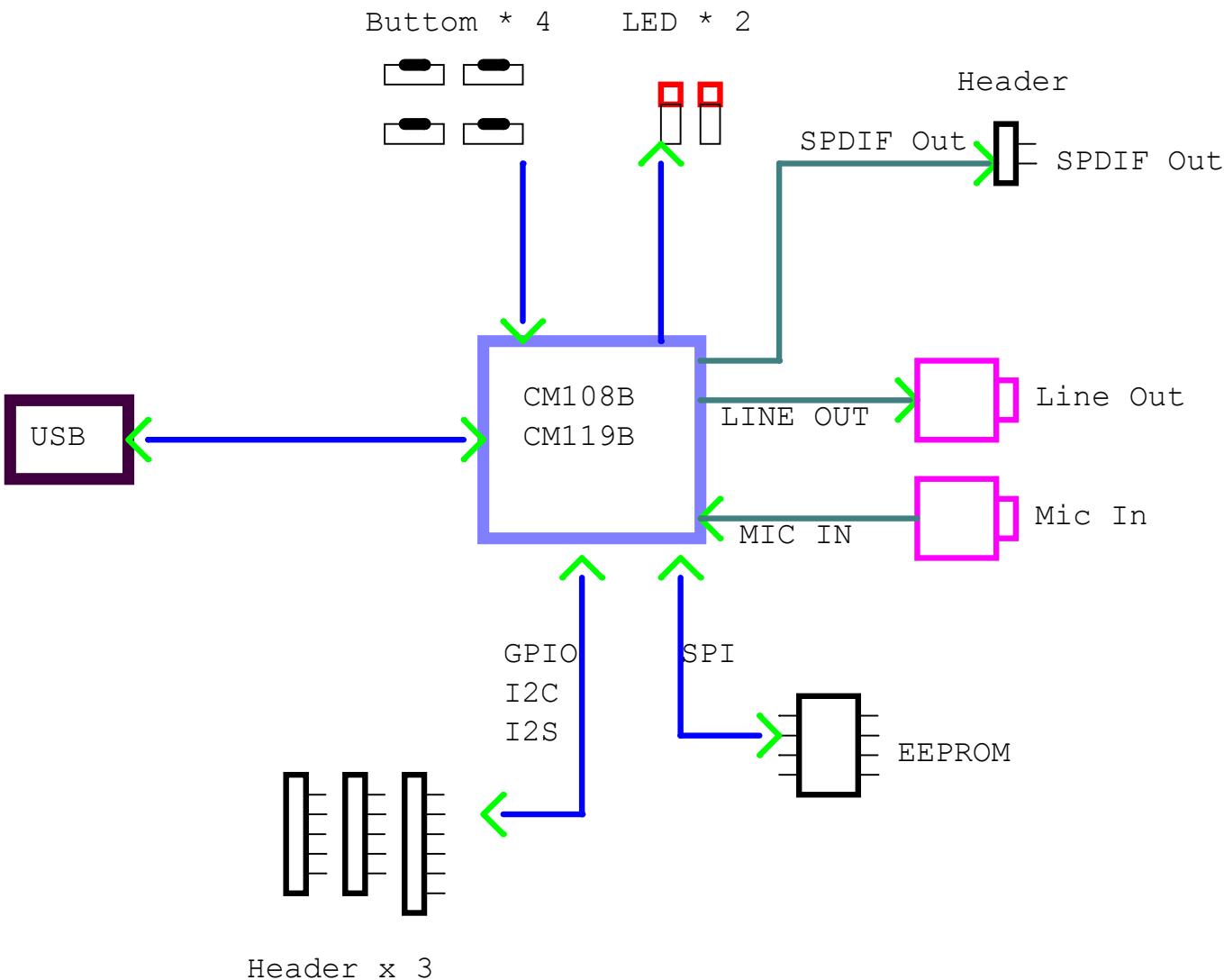
Placement

Rev

1.3.3

Date: Monday, September 25, 2023

Sheet 2 of 4



C-MEDIA ELECTRONICS Inc.
6F., 100, Sec. 4, Civil Boulevard, Taipei, Taiwan, R.O.C.

Title

CM108B/CM119B USB Audio Device

Size

Document Number

Block Diagram

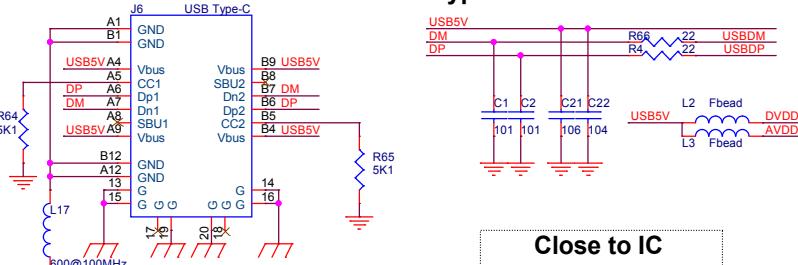
Rev

1.3.3

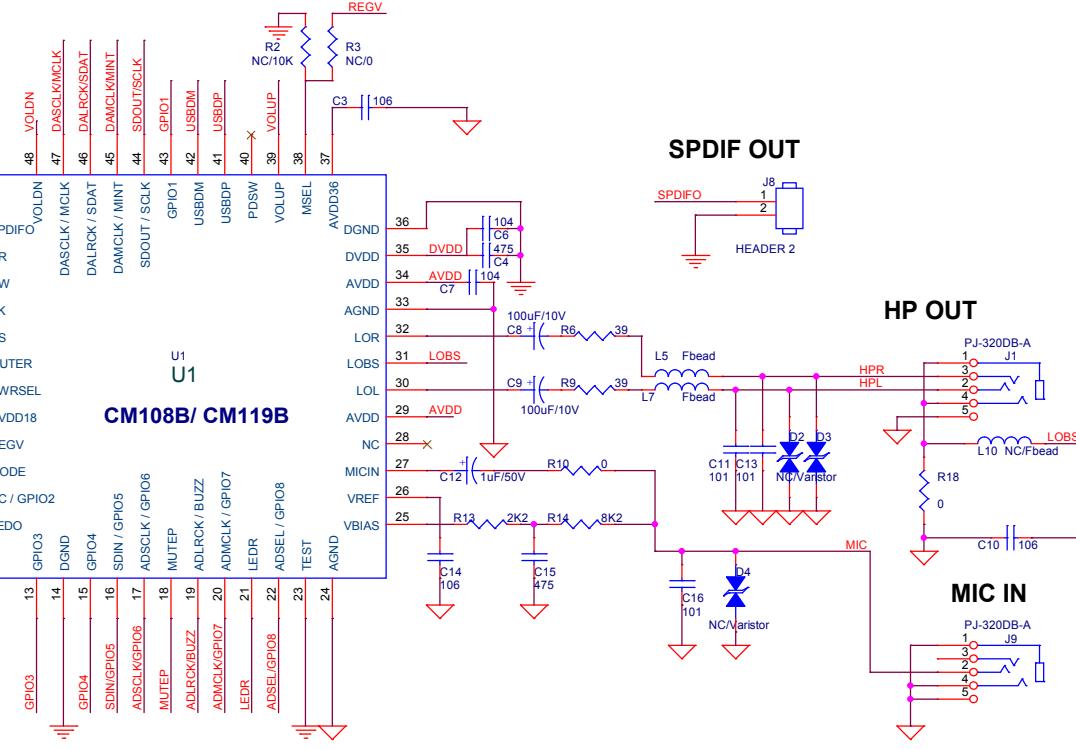
Date: Monday, September 25, 2023

Sheet 3 of 4

USB Type-C

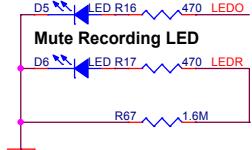


CM108B/CM119B



LED

Power/Status LED



Mute Recording LED



HID Buttons

Mute Rec

Mute Play

Vol Up

Vol Down

VOLDN

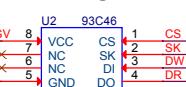
SW1 CTP-1135

SW2 CTP-1135

SW3 CTP-1135

SW4 CTP-1135

EEPROM



C-MEDIA ELECTRONICS Inc.
6F., 100, Sec. 4, Civil Boulevard, Taipei, Taiwan, R.O.C.

Title: CM108B/CM119B USB Audio Device

Size	Document Number	Rev
A3	Schematic	1.3.3

Date: Monday, September 25, 2023

Sheet 4 of 4