

FCC Class II Permissive Change Request Letter

Date: 9/30/2022

To FCC:

RE: FCC Permissive II Change Request for Company: Zylux Acoustic Corporation FCC ID: XN6-M512AH6

We are submitting an application for a class II permissive change to the FCC approval of the Company name: Zylux Acoustic Corporation, product description: 40-Inch Sound Bar 5.1 System (FCC ID: XN6-M512AH6, Original Grant Date: 09/24/2020). The transmitter module itself has not changed. Here are the changes:

Change the audio amplifier IC and IC peripheral circuit, modify the PCB Layout.
See the appendix

Sincerely,

Client's signature:

A handwritten signature in black ink, appearing to be 'Rita Chang', written over a light gray grid background.

Name: Rita Chang

Title: Director

Applicant Company: Zylux Acoustic Corporation

Problem/Change Point Sheet for M512a

No. 001		
Stage	MP3	MP4
	○	○
Model	M512a	
	○	

Written	Check	Approval
2022.05.11 JR. LEE	2022.05.11 DW. CHO	

Issue: EE CHANGE LIST (MP3 to MP4)
MAIN PCB

Change List		MP3	MP4	Modifications	
1	Schematic (DAMP Part)			1. IC21, IC23 : PCM1808 -> GC1808PWR * Reason : Substitute part is applied.	
	PCB Bottom	No PCB change.			
2	Schematic (INPUT Part)			1. IC70, IC71, IC72 : TAS5760MDAPR -> NTP8938 2. DELETE: R717 : 30Kohm R718 : NC R714 : 33ohm C735 : 0.1uF C768 : 0.22uF C784 : 1uF 3. CHANGE R704, R711 : 20ohm -> 6.8ohm R719 : 20ohm -> 10Kohm R727, R734, R740 : 20ohm -> 100ohm R710 : 10Kohm -> 6.8ohm R725 : 10Kohm -> 100ohm R739 : 10Kohm -> 33ohm R700 : 30Kohm -> 6.8ohm R731 : 30Kohm -> 33ohm R703 : NC -> 6.8ohm R732 : NC -> 100ohm R705, R708 : 100ohm -> 6.8ohm R706 : 100ohm -> 4.7Kohm R707 : 100ohm -> NC R721 : R722, R723, R737 : 100ohm -> 33ohm R709 : 33ohm -> 6.8ohm R712 : 33ohm -> NC R713 : 33ohm -> 4.7Kohm R724, R726, R728, R741, R742, R743 : 33ohm -> 100ohm C720 : 0.1uF -> 1uF C775, C776 : 0.1uF -> 270pF C797 : 0.1uF -> 10uF C808 : 0.1uF -> 33pF C809 : 0.1uF -> 1000pF C732, C771 : 10pF -> 0.1uF C772 : 10pF -> 10uF C804, C805 : 10pF -> NC C773, C774 : NC -> 10uF C807 : NC -> 33pF C769, C770, C803 : 33pF -> 0.1uF C802 : 33pF -> 1uF C700 : 35V470uF 1006-0000581 -> 1006-0001137 C777 : 470uF -> 270pF C709, C716, C717, C724, C749 : 0.22uF -> 0.022uF C796, C798, C801 : 0.22uF -> 0.1uF C781 : 0.22uF -> 1uF C793, C794 : 0.22uF -> 10uF C742 : 0.1uF -> NC C743, C778 : 0.1uF -> 270pF C779 : 0.1uF -> 0.022uF C780 : 0.1uF -> 1uF C707 : 1uF -> 1000pF C747 : 1uF -> NC C748 : 1uF -> 10pF C750 : 1uF -> 33pF C785, C787 : 1uF -> 0.1uF C744 : 10uF -> 270pF C745 : 10uF -> 0.1uF C746 : 10uF -> NC C781 : 10uF -> 1uF C782, C783 : 10uF -> 0.022uF C731, C721, C753 : 330pF -> 270pF C765 : 330pF -> NC C790, C798 : 330pF -> 0.022uF 4. ADD: R748, R749, R750, R751 : 6.8ohm R701 : 7.4Kohm R702 : NC R729 : 33ohm C811, C812, C813, C814 : 270pF C810 : 0.1uF C815, C816, C819, C820 : 0.022uF C817, C818 : 1uF	
		PCB TOP			
		PCB Bottom			
4	Schematic (MT8518 Part)			1. R157 : 100ohm -> NC * Reason : Substitute part is applied.	
		PCB TOP	No PCB change.		

Problem/Change Point Sheet for M512a

Attached file
None