

[SWAN] Schematic Review about Audio Amp Block and Speaker Cable

Organization
R&D Lab. 2

Issued Date
2020.09.08

Version
0.1

Revision History

Version	Date	Description	Owner
1.0	2020/09/11	1 st Draft version	Lonnie Kim

1. Review Result

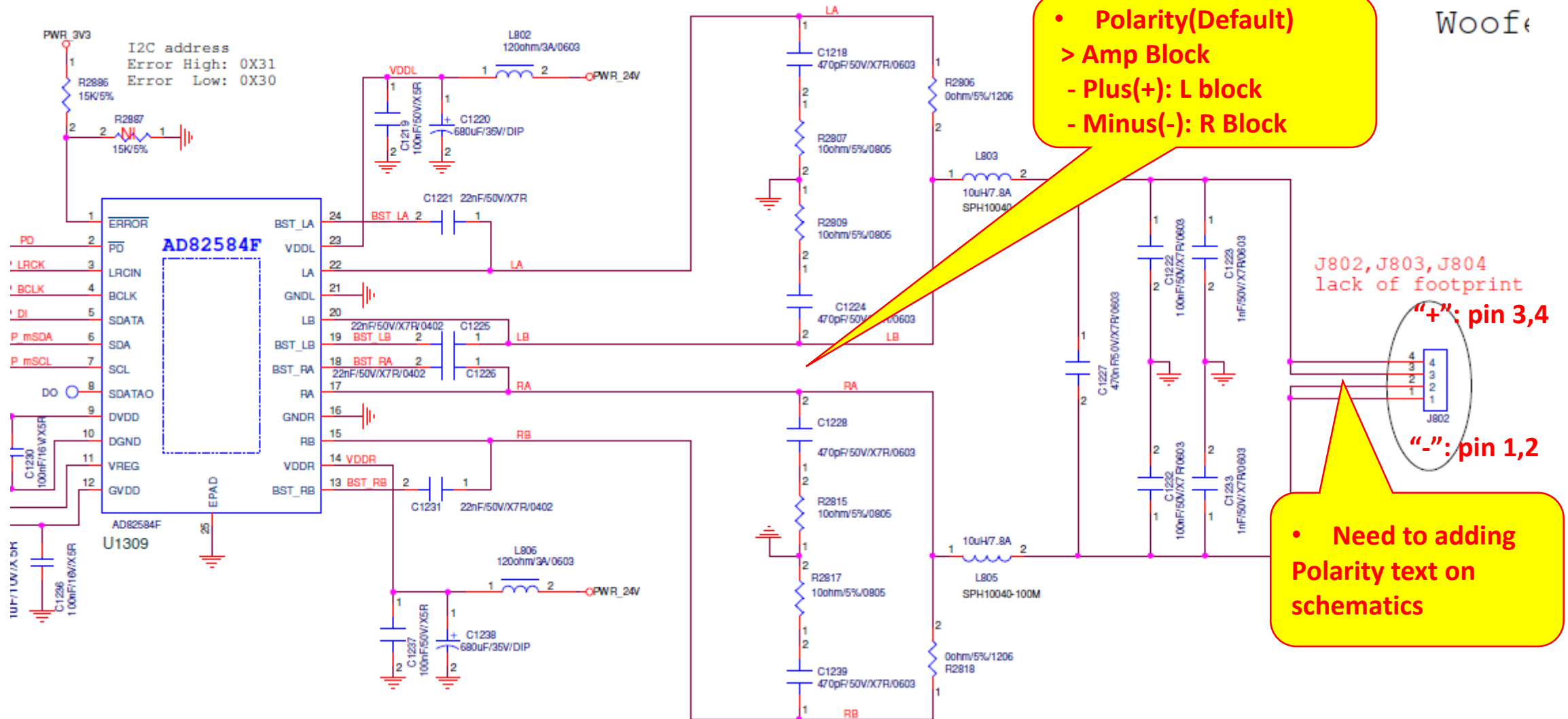
2. Action Items

Review Result

AD82584F & Woofer Speaker

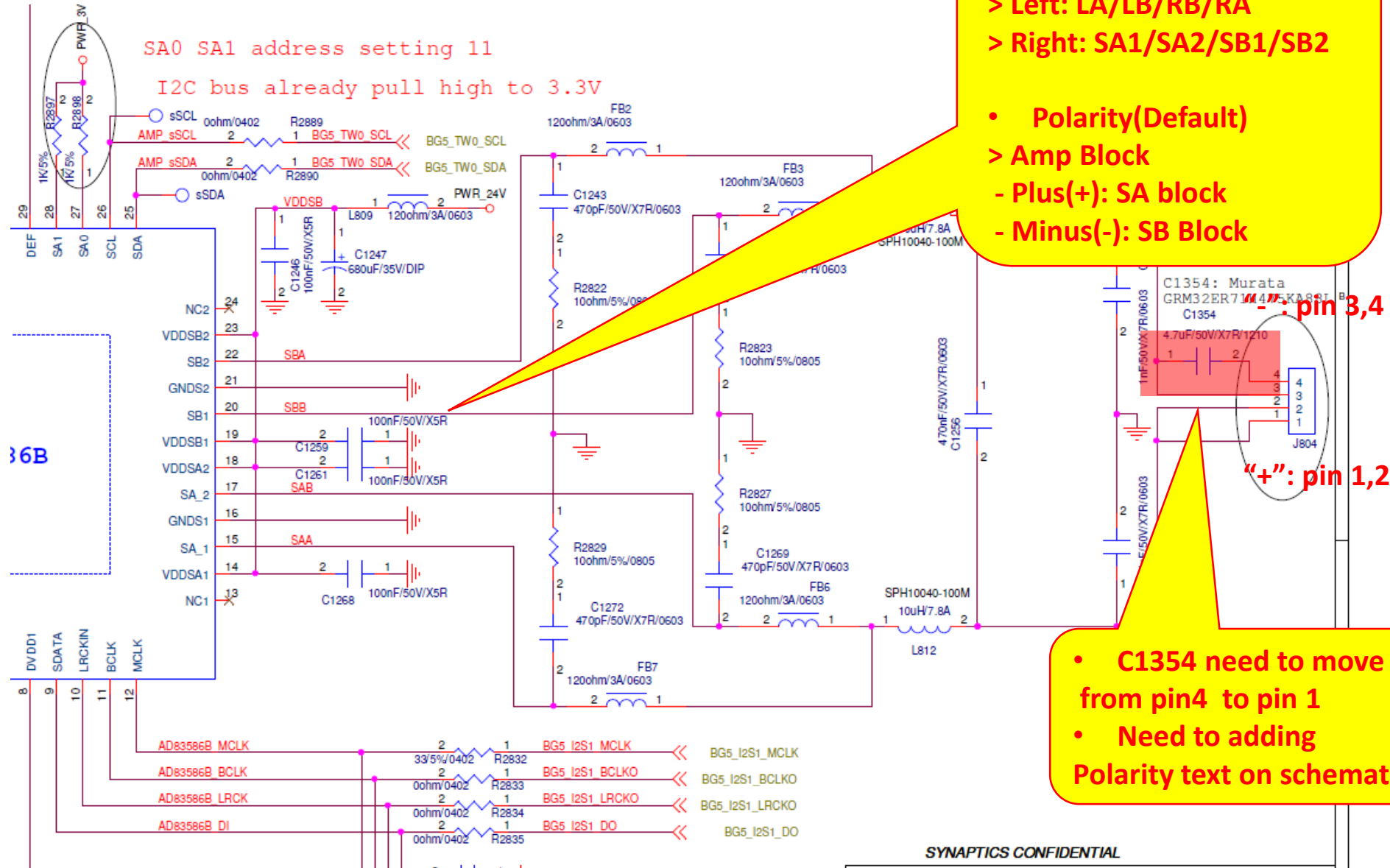


Woofer



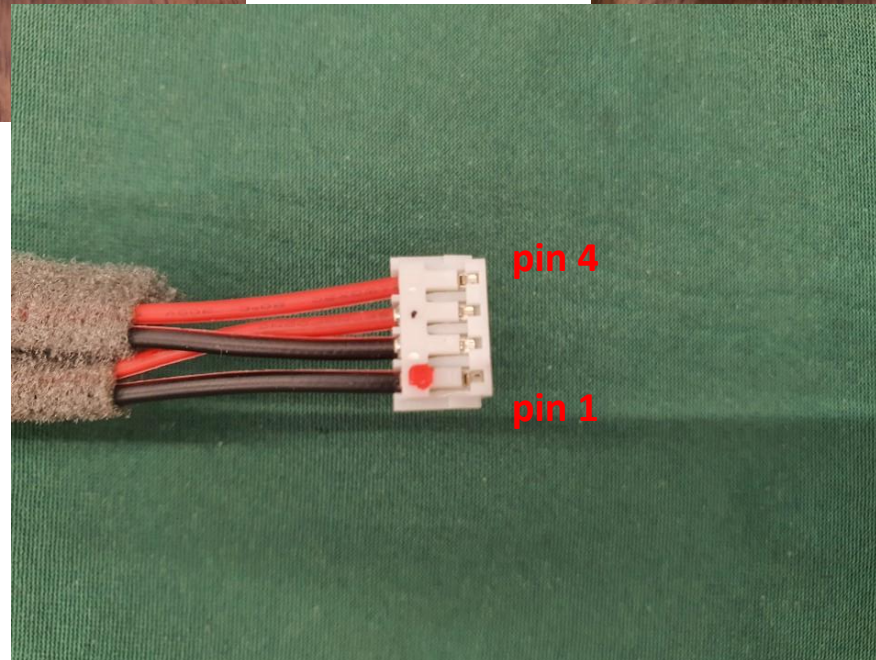
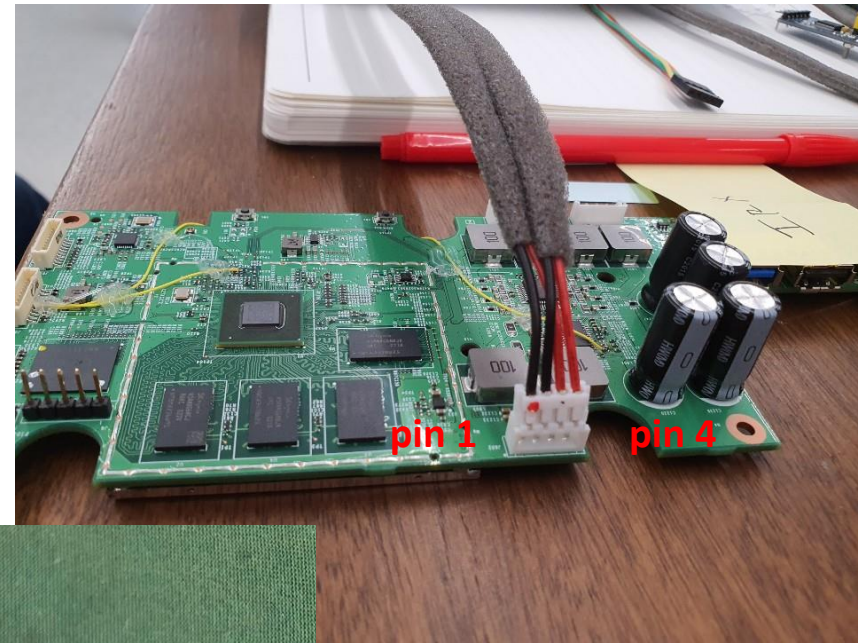
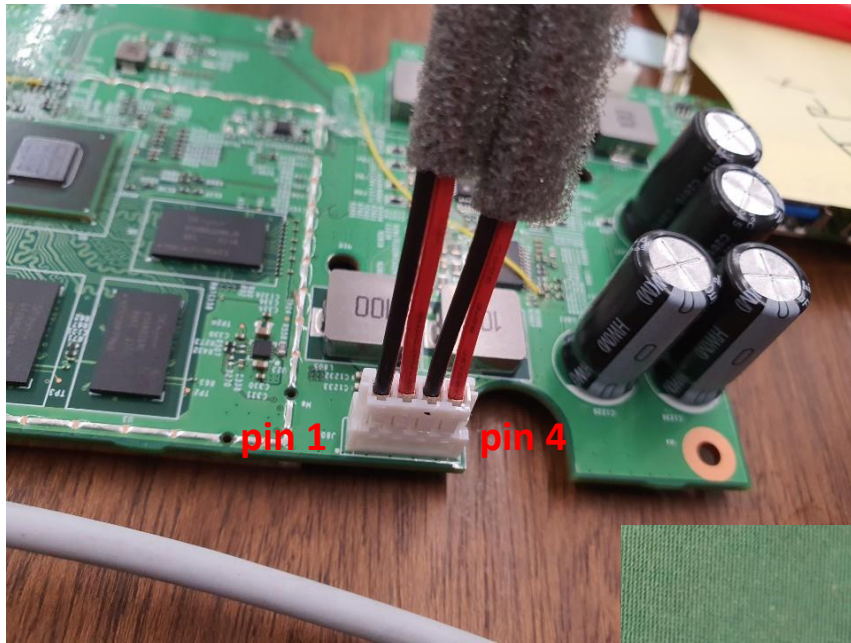


AD83586B & Mid and Tweeter Speaker(Right)





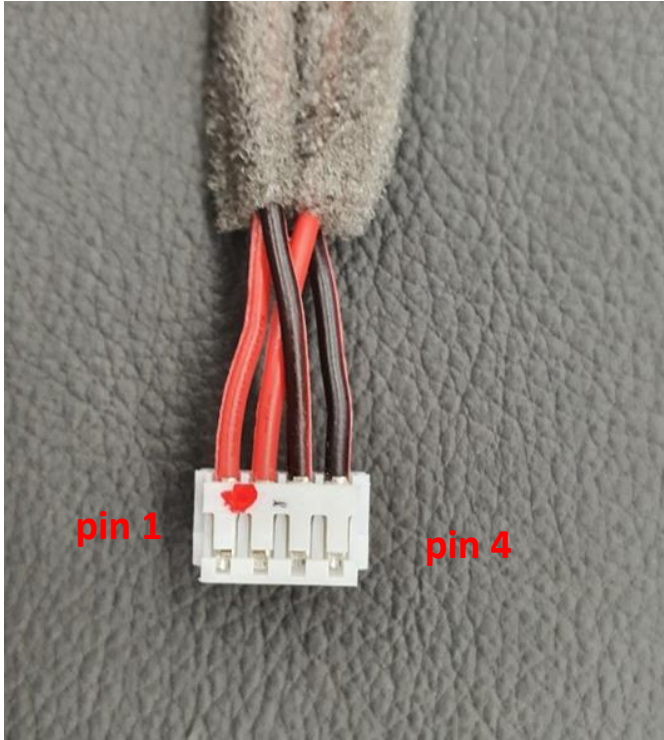
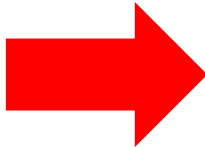
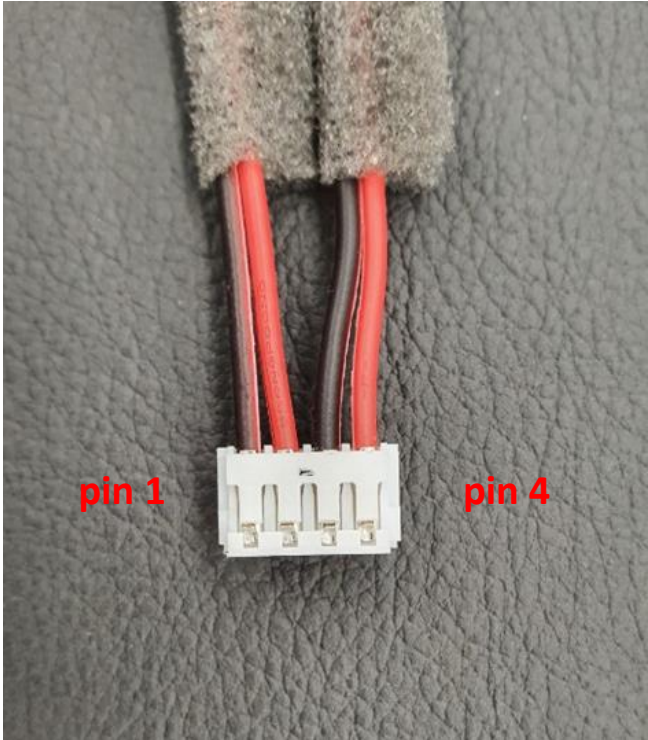
Cable for Woofer Speakers



Pin No.	Signal Name	Cable Color
1	Minus(-)	Black
2	Minus(-)	Black
3	Plus(+)	Red
4	Plus(+)	Red



Cable for Mid & Tweeter Speakers



Pin No.	Signal Name	Cable Color
1	Minus(-) for Tweeter	Black
2	Plus(+) for Tweeter	Red
3	Minus(-) for Mid	Black
4	Plus(+) for Mid	Red

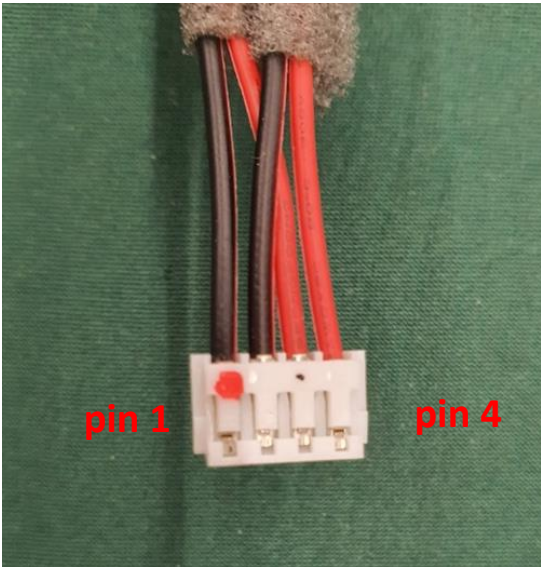
Pin No.	Signal Name	Cable Color
1	Plus(+) for Tweeter	Red
2	Plus(+) for Mid	Red
3	Minus(-) for Tweeter	Black
4	Minus(-) for Mid	Black

Action Items



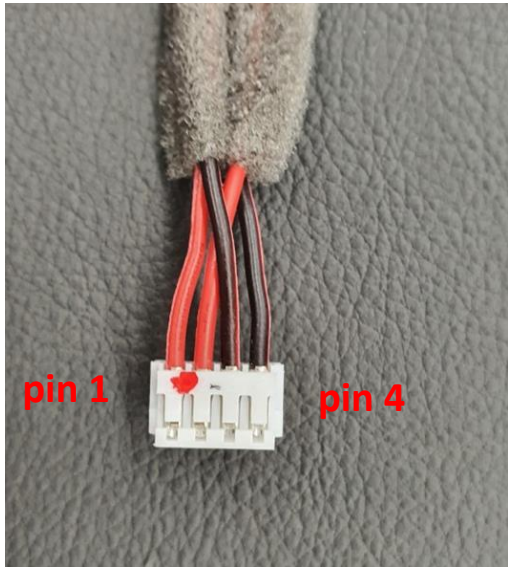
Dreamus Action Items

- Speaker cable 변경
 - > Woofer Speaker cable



Pin No.	Signal Name	Cable Color
1	Minus(-)	Black
2	Minus(-)	Black
3	Plus(+)	Red
4	Plus(+)	Red

- > Mid & Tweeter Speaker cable



Pin No.	Signal Name	Cable Color
1	Plus(+) for Tweeter	Red
2	Plus(+) for Mid	Red
3	Minus(-) for Tweeter	Black
4	Minus(-) for Mid	Black



Foxconn Action Items

- MLCC for filter: Need to move from pin 4 to pin 1
 - > C1352, C1354
- Adding speaker polarity text on schematics
 - > "+", "-"
- Adding Speaker silk beside connectors
 - > Woofer, Left, Right

Thank you.