

2021/05/25

Initial draft.

2021/08/24

- 1.Add MIAS、VIO18 Test Point.
- 2.Modify VR circuit.
- 3.Modify encoder circuit.
- 4.Modify phone jack circuit.
- 5.RF tunning value.
 - R89 change 0R to 4.7nH.
 - C99 change NC to 0.8pF.

2021/11/18

- 1.C1 change size 06 to 04.
- 2.Add test point D+/D- for factory demand.
- 3.R9 / R101 / R102 change size 06 to 04.
- 4.Add L14、R103 for customer request.
- 5.EMI test pass.
 - L3 change bead to 0R.
 - L11 change bead to 0R.
 - L13 change bead to 0R.
 - CM1 change choke to NC.
 - R17、R18 change NC to 0R.

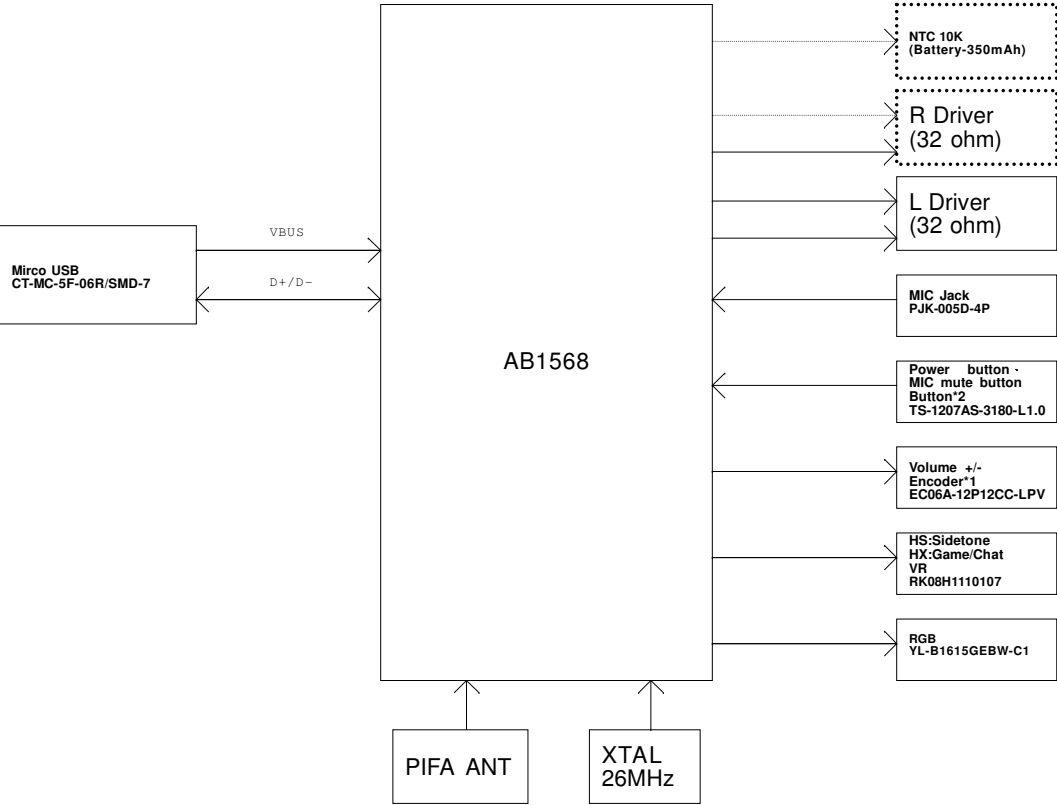
2021/11/22

- 1.Reserve GPIO24 for FW control.

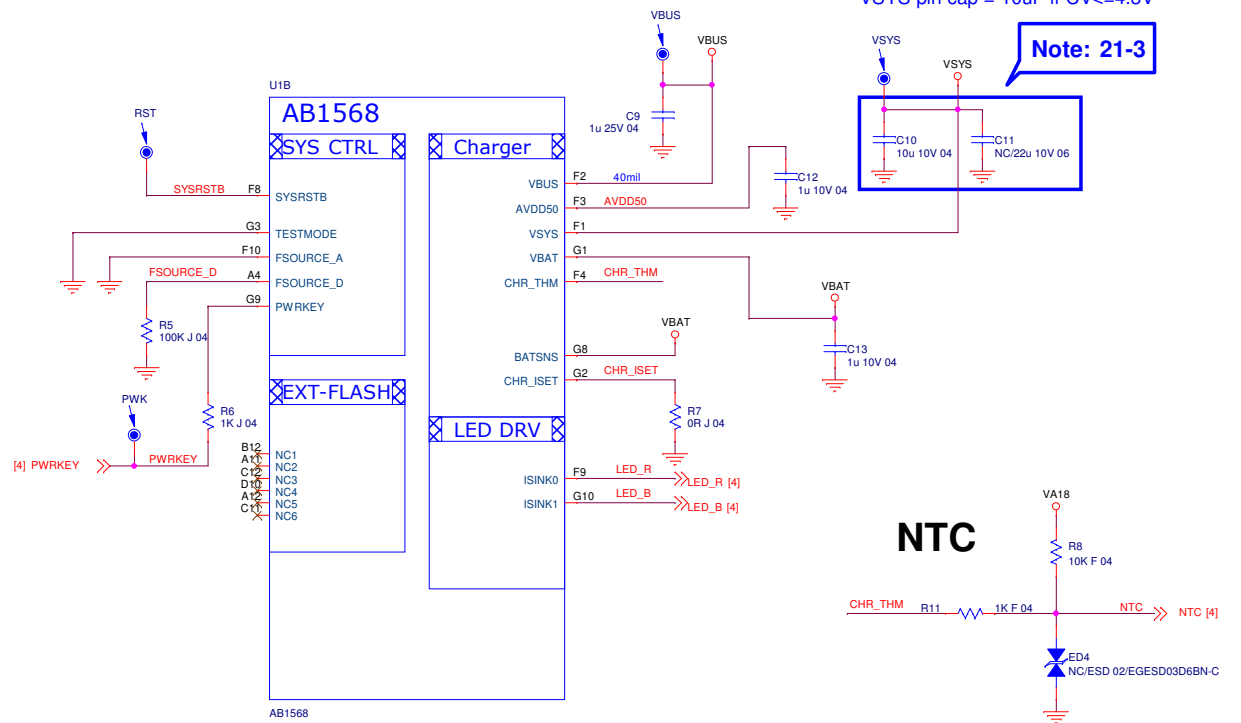
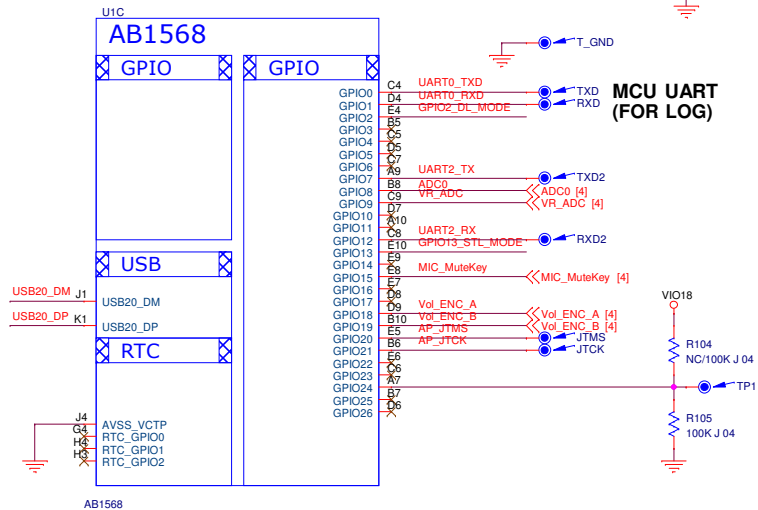
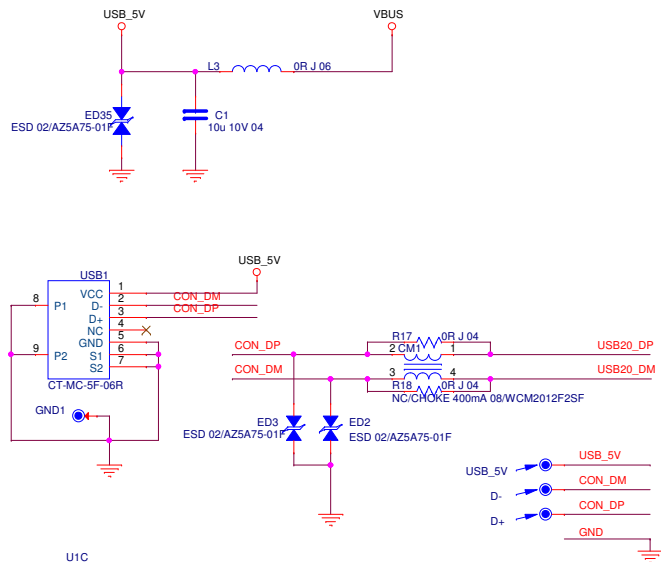
2021/11/29

- 1.Add VINO_P、USB_5V Test Point for factory demand.

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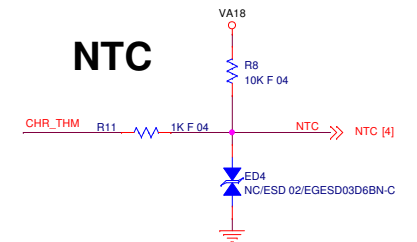
Mirco USB



Note 21-3: VSYS pin cap = 22uF if CV>4.3V
VSYS pin cap = 10uF if CV<=4.3V

Note: 21-3

NTC



SLT Mode

GPIO13: SLT mode

0: normal

1: SLT

The SLT mode is for debug uasge in Airoha side only.

Please keep GPIO13 floating.

DL Mode and DSP Dump Pin

GPIO2: DL mode

0: no USB download

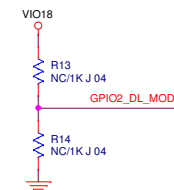
1: USB download

Reserve the test point if needs DL mode.

Please keep GPIO2 floating if don't need DL mode.

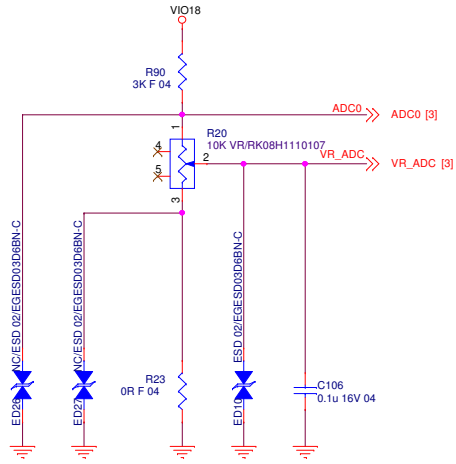
GPIO2: SPDIF Dump

Reserve the test point if needs DSP dump via SPDIF

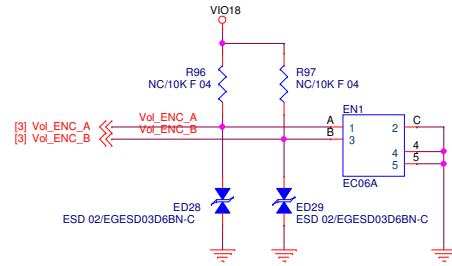


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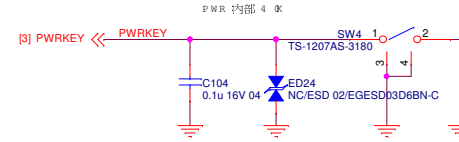
HS:Sidetone VR
HX:Game/Chat VR



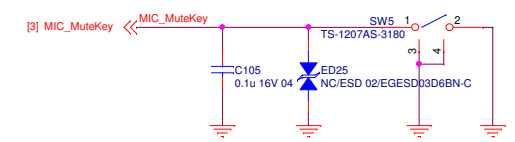
VOLUME ENCODER



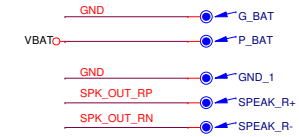
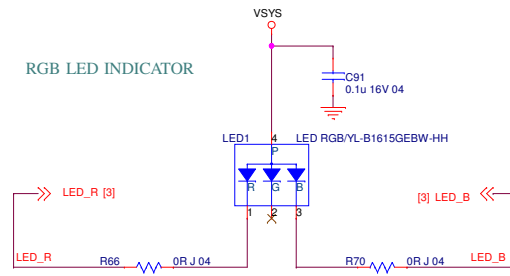
POWER/Pairing KEY



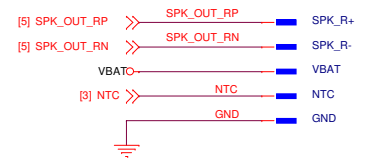
MIC Mute Key



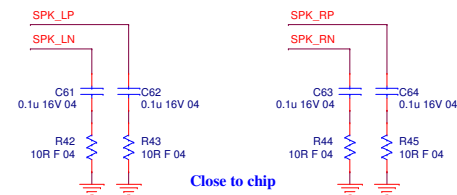
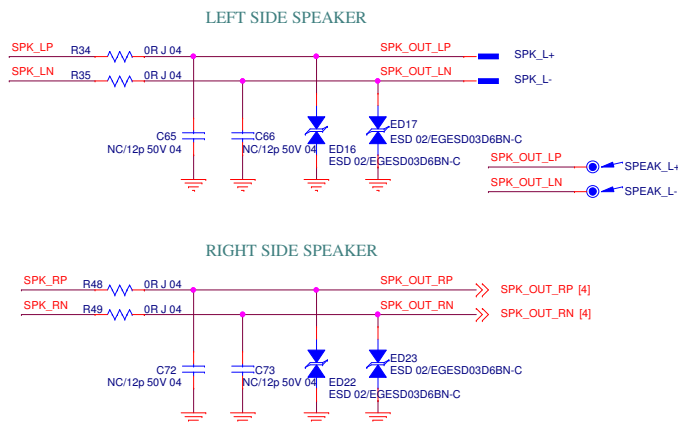
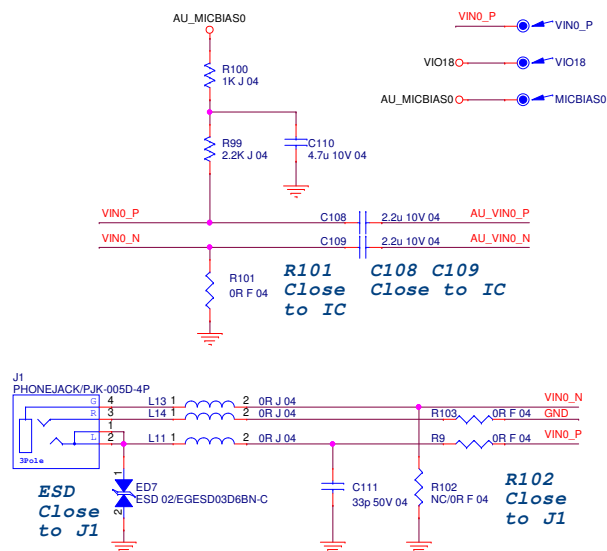
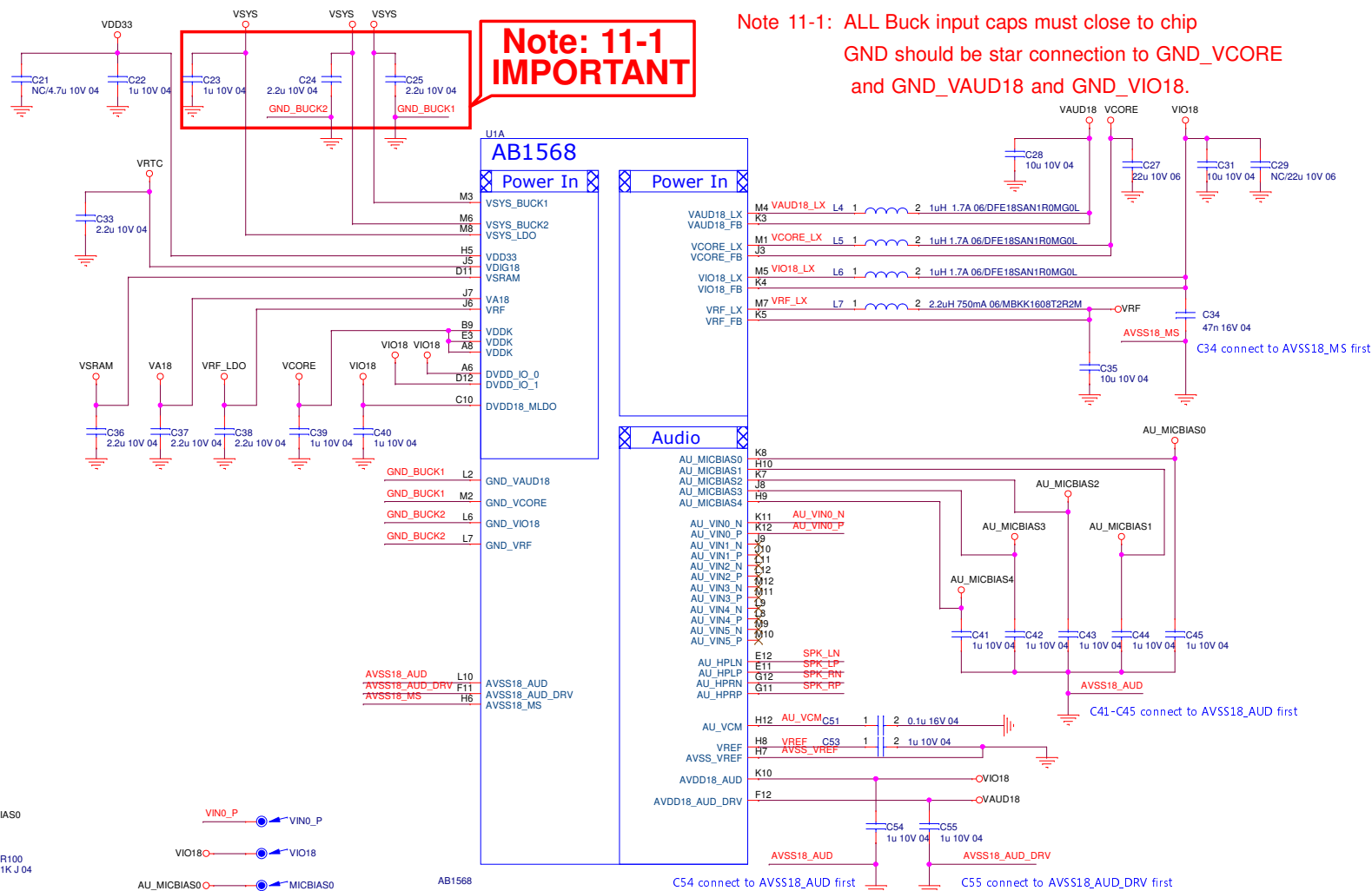
RGB LED INDICATOR



6 SIGNALS PAD FOR HEADBAND WIRE

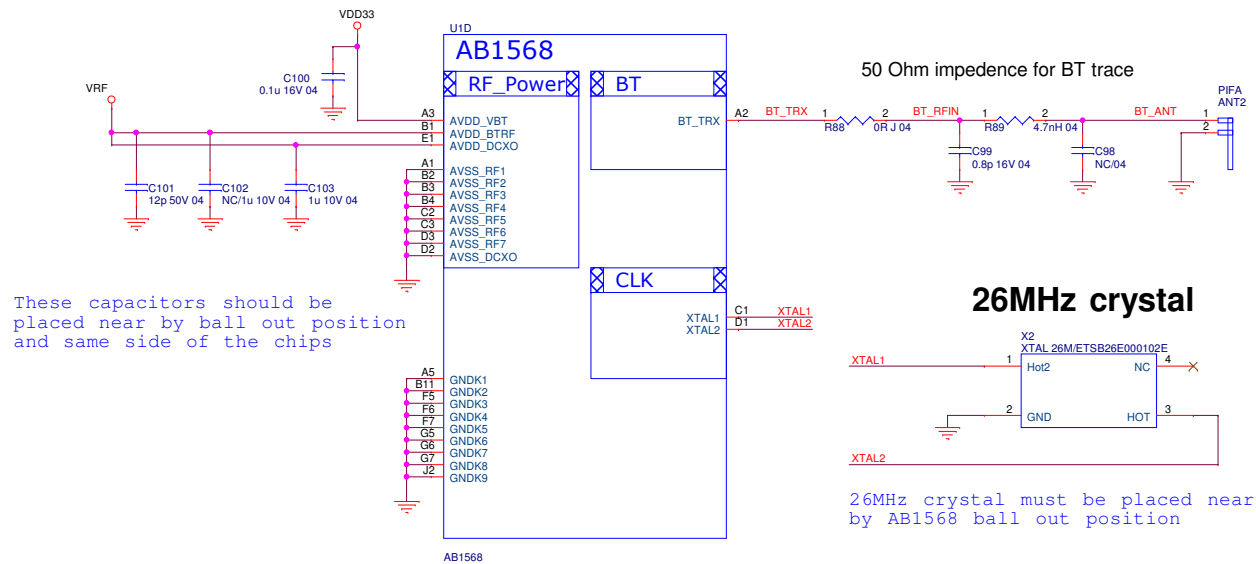


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For class D: C61~C64, R42~R45 NC
For class AB & G: C61~C64, R42~R45 should be mounted

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