

Preliminary

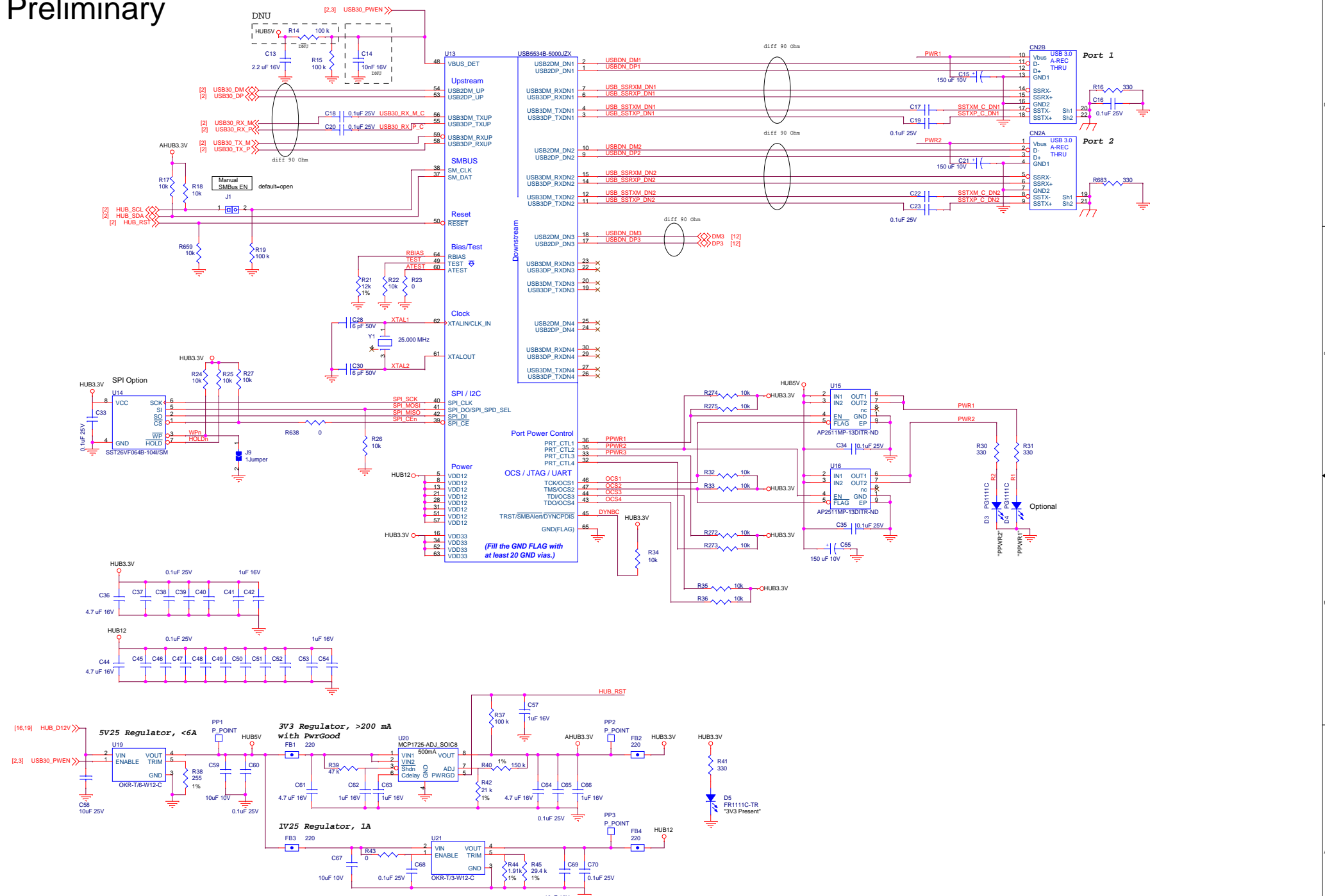
Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) for R-CarH3/M3-SiP System Board SBEV-RCAR-KF-S03

- 01 TOC
- 02 ULCB PORTS
- 03 USB HUB
- 04 COM PORT
- 05 M.2 Key M
- 06 Broad-R
- 07 VIDEO OUTPUT
- 08 VIDEO INPUT
- 09 AUDIO INPUT/OUTPUT
- 10 AUDIO External Power Amp Connector
- 11 APPLE CARPLAY
- 12 MiniPCIe
- 13 GPS
- 14 GYRO
- 15 CAN IF
- 16 RADIO
- 17 SDHCI WIFI/BT
- 18 MOST IF
- 19 POWER
- 20 Auxxiliary HDMI Output
- 21-23 Audio analog Inputs
- 24-27 Audio analog Output
- 28 Aux Power for FPDLink Output

<Variant Name>

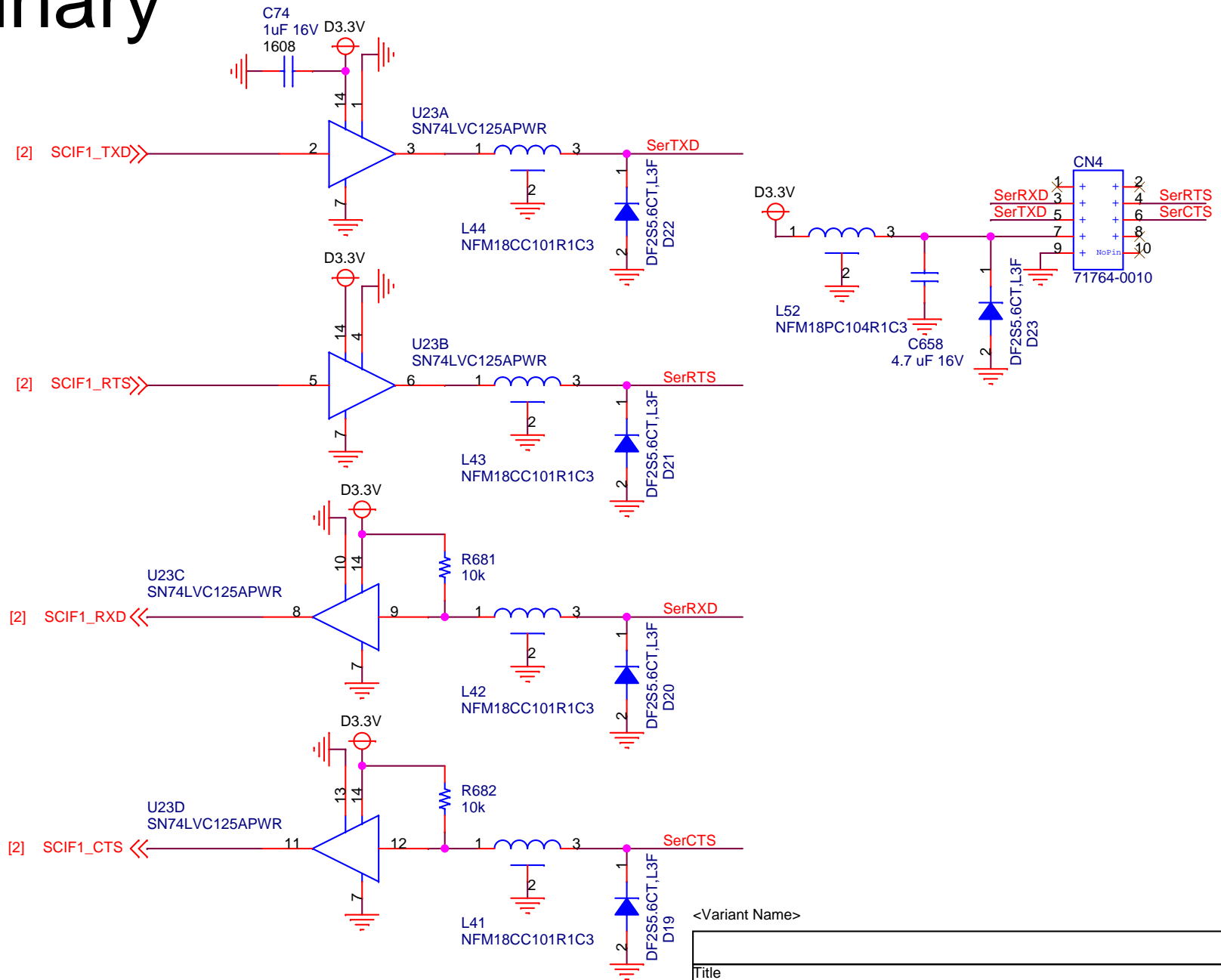
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| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-M03 | 1.0 |
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|--|------------------------|-------|---------|
| Title | | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | | |
| Size | Document Number | Rev | |
| C | SBEV-RCAR-KF-503 | 1.0 | |
| Date: | Tuesday, July 04, 2017 | Sheet | 3 of 28 |

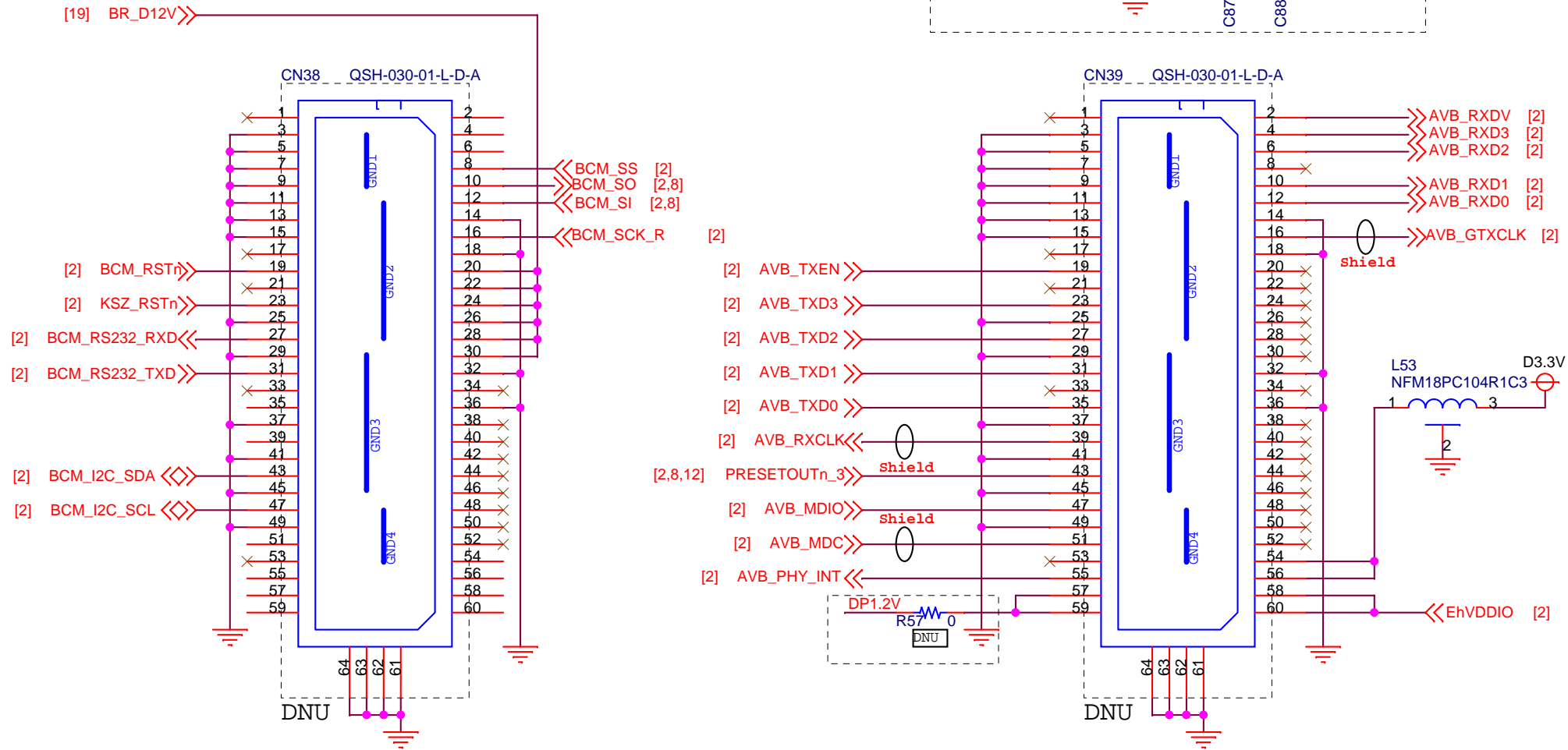
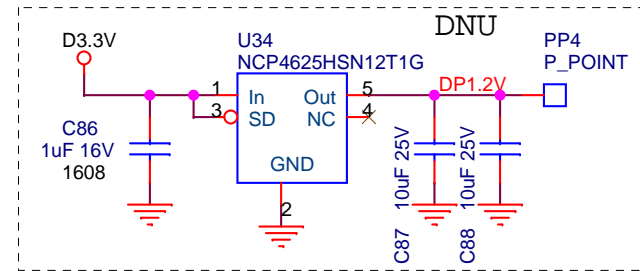
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| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 4 of 28 |

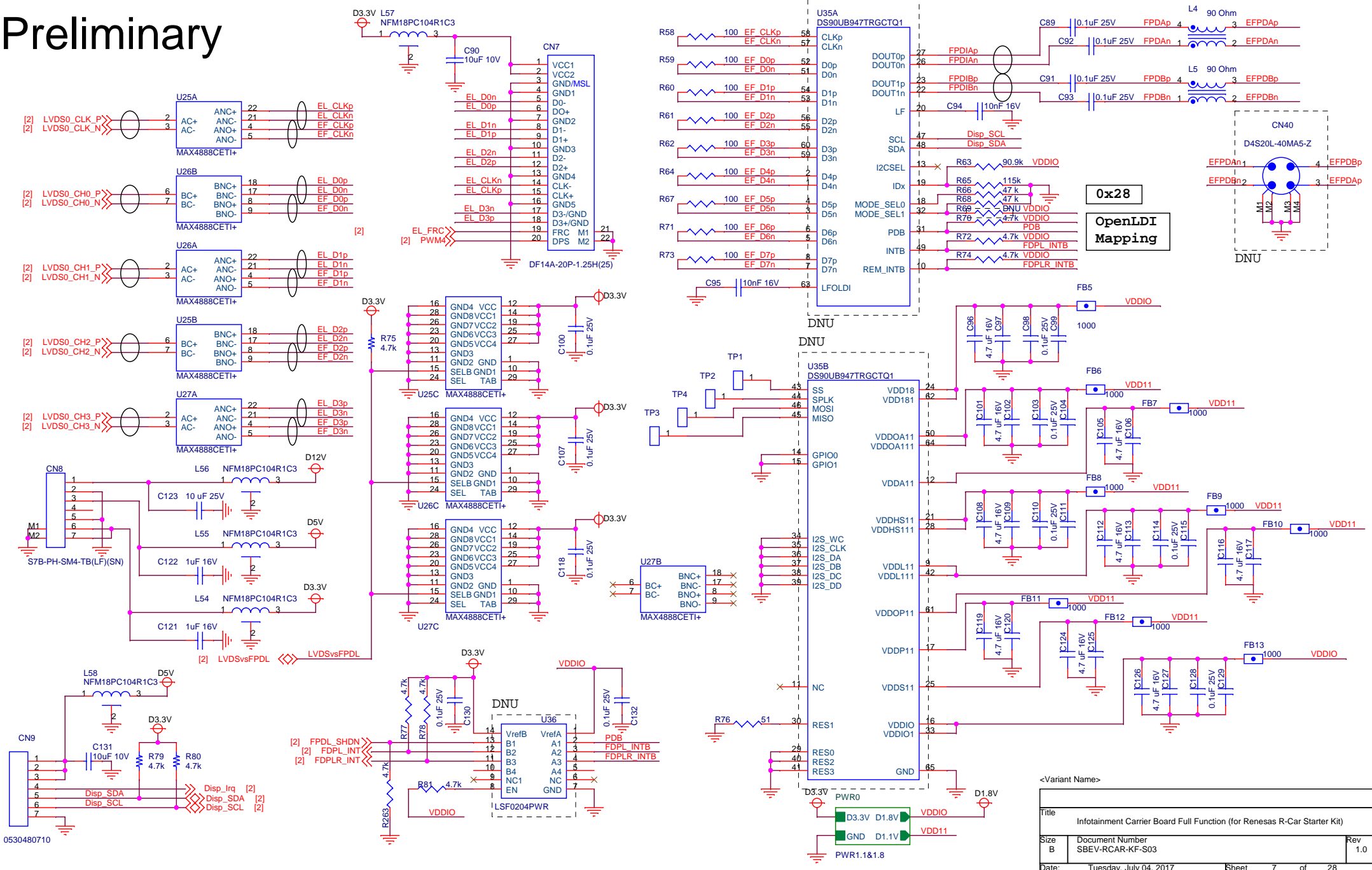
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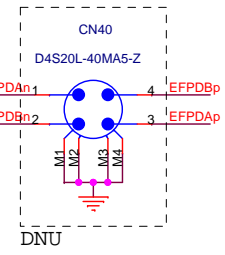
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| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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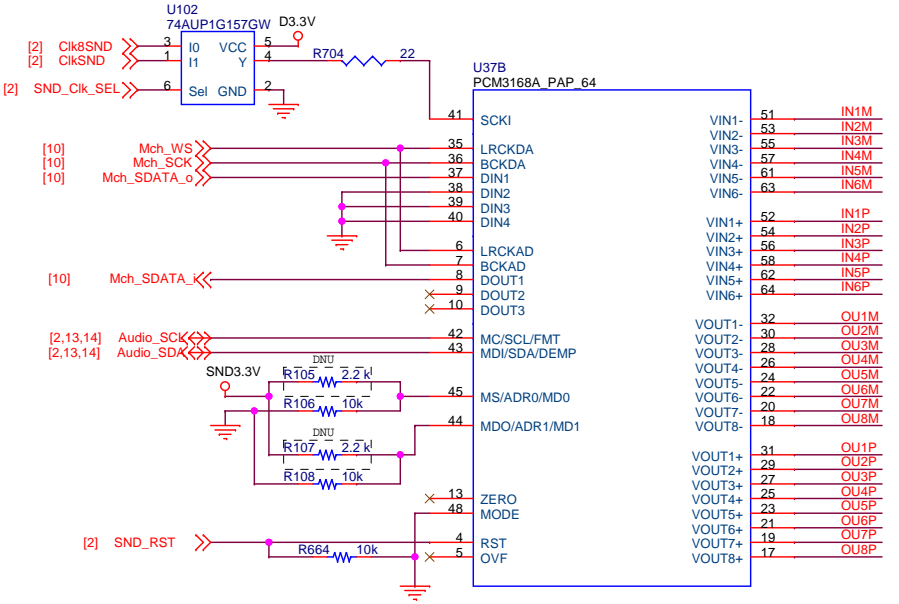
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Mapping



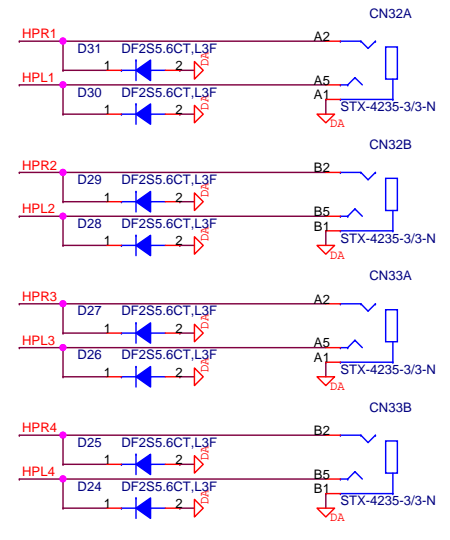
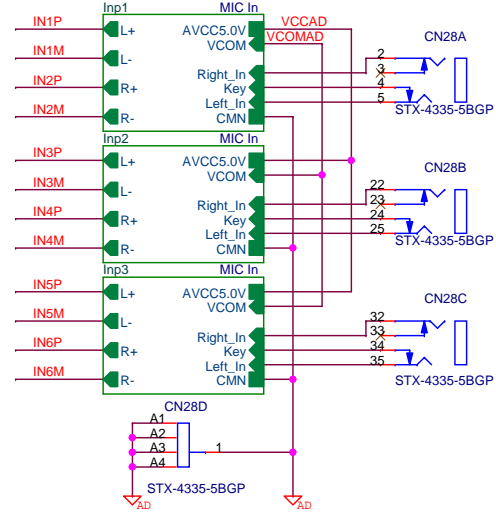
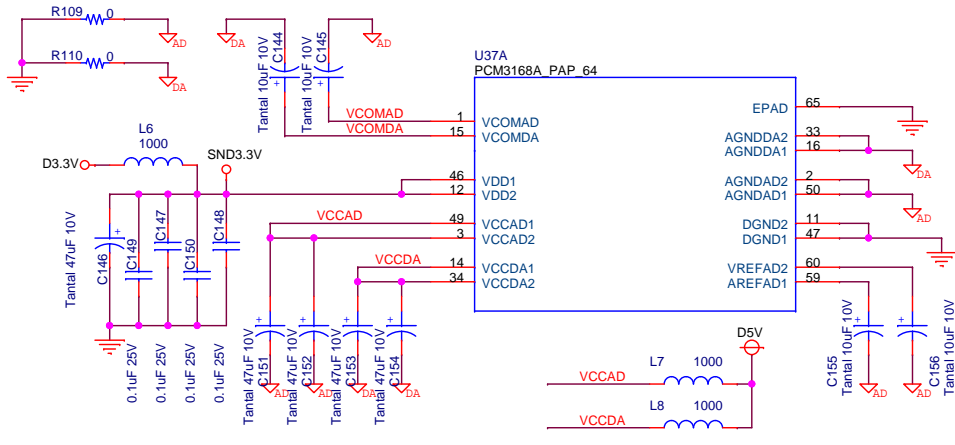
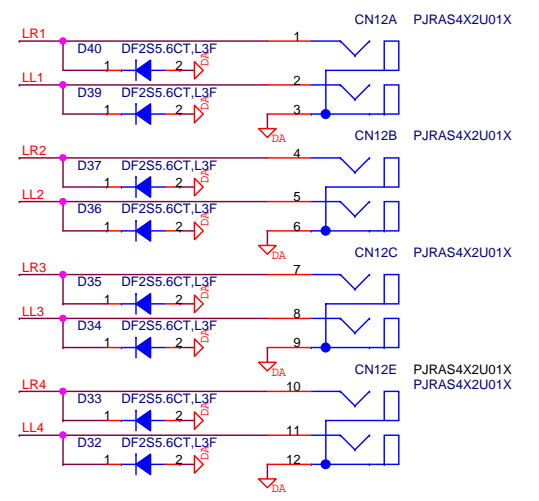
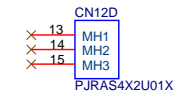
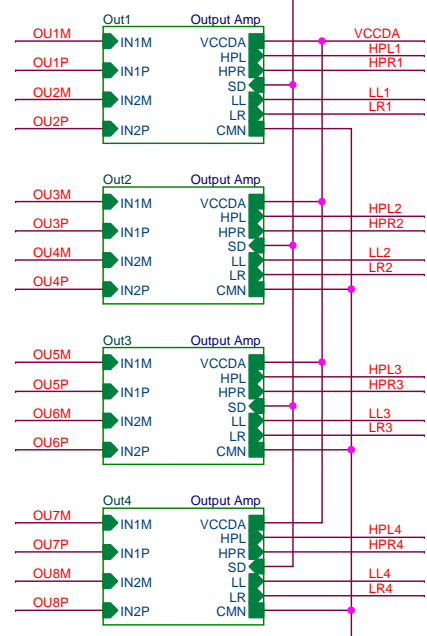
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| B | SBEV-RCAR-KF-S03 | 1.0 |
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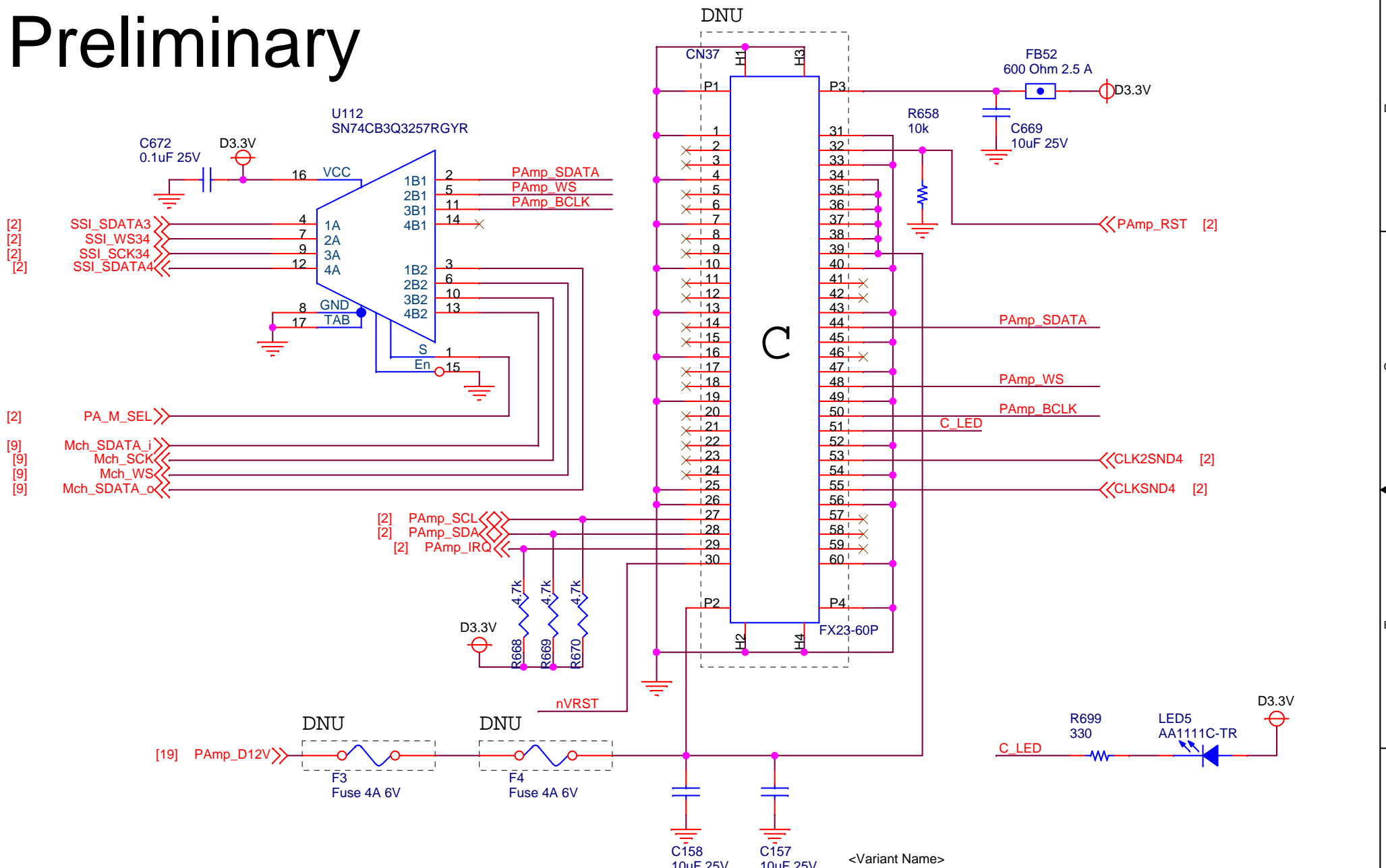
[2,24!,25!,26!,27!] Audio_Out_OFF >> R104 10k



<Variant Name>

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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| B | SBEV-RCAR-KF-S03 | 1.0 |
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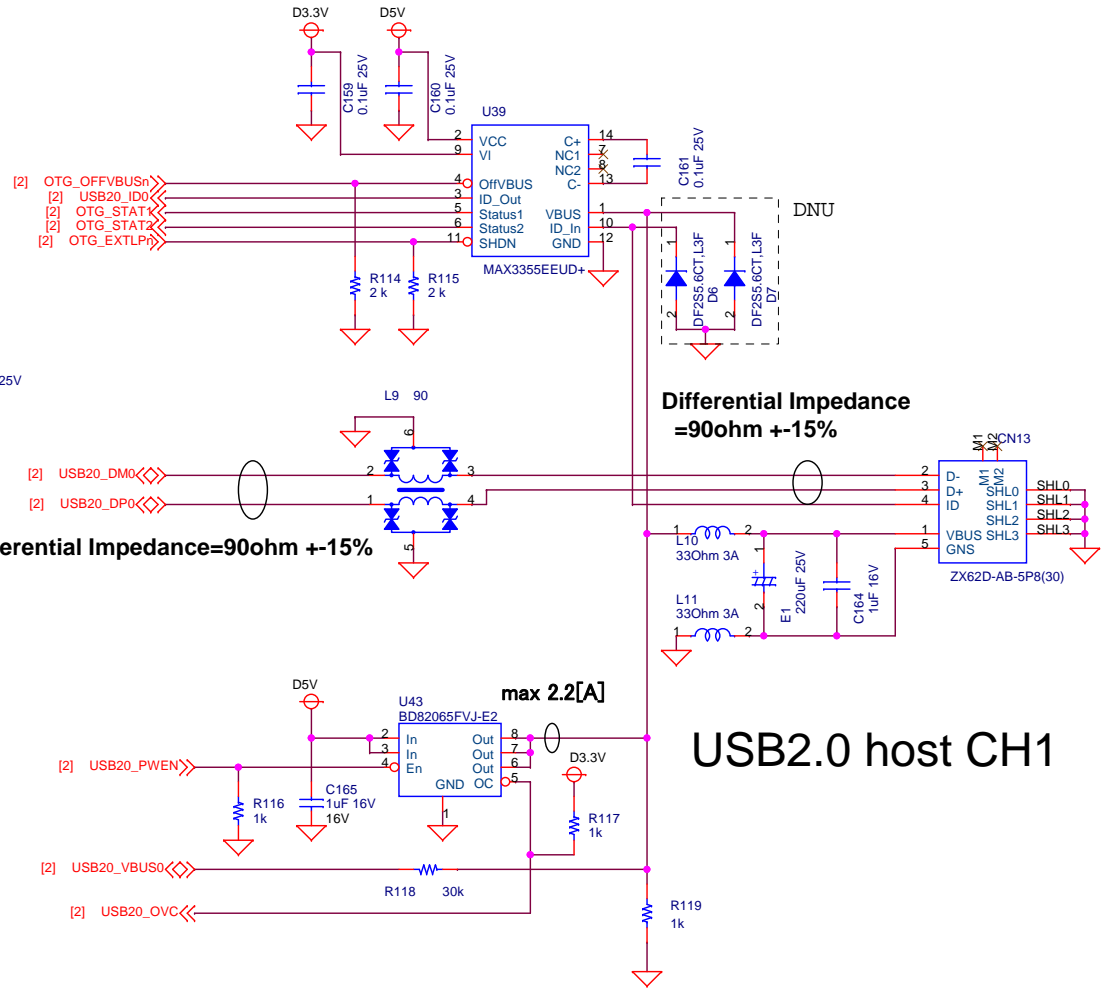
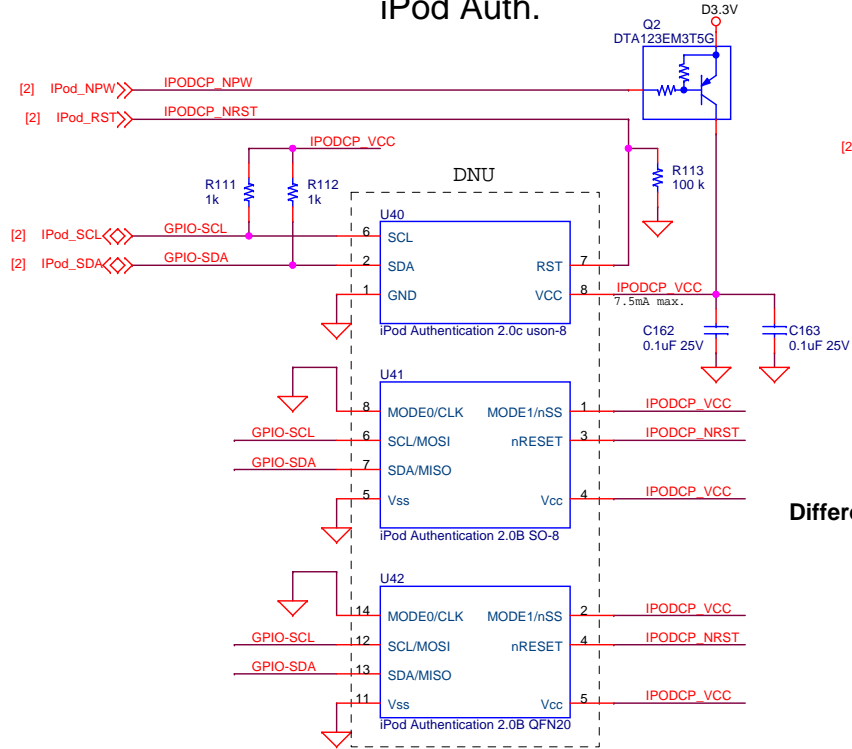


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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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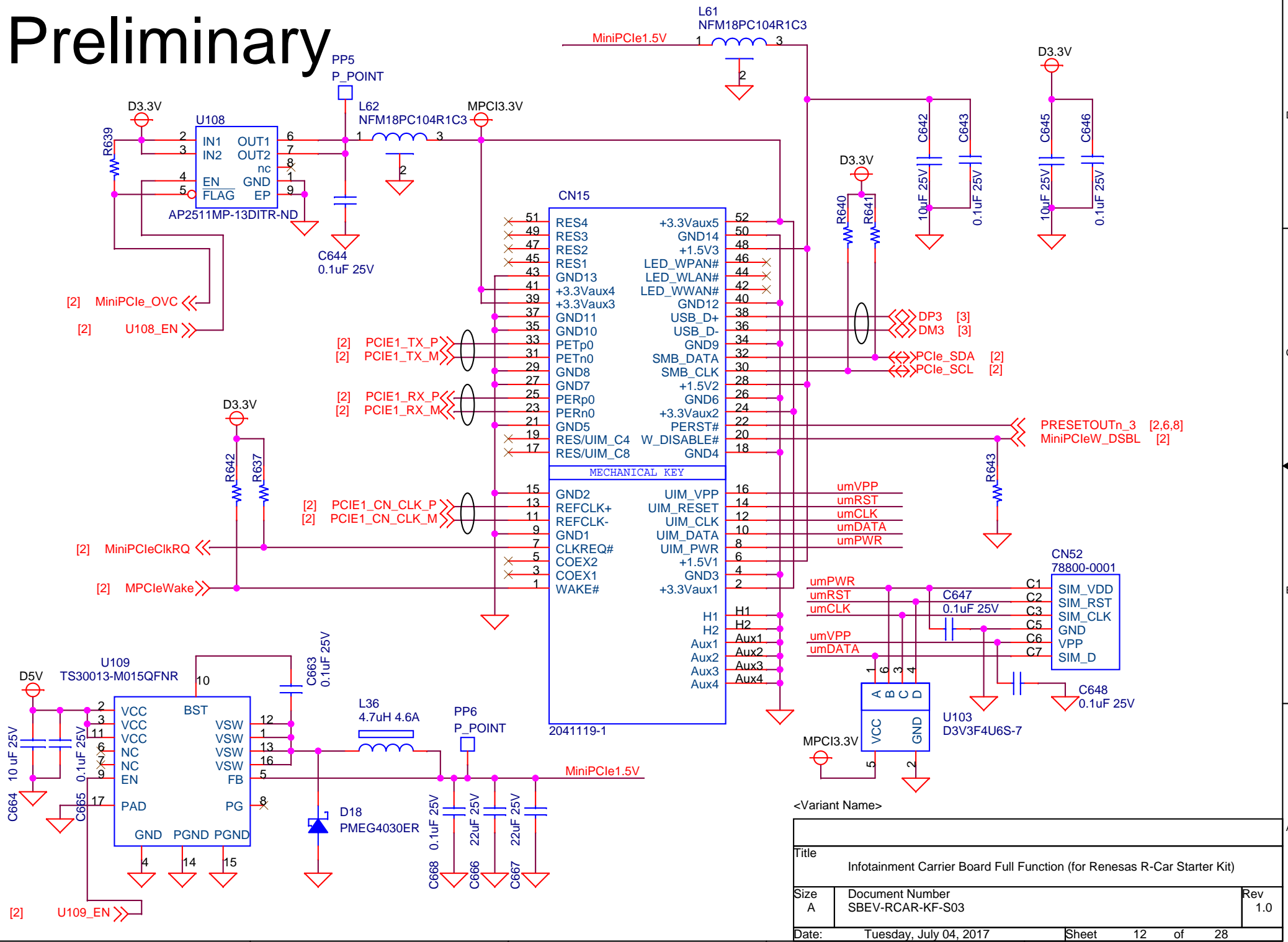
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USB2.0 host CH1

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| Size B | Document Number SBEV-RCAR-KF-S03 | Rev 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 11 of 28 |

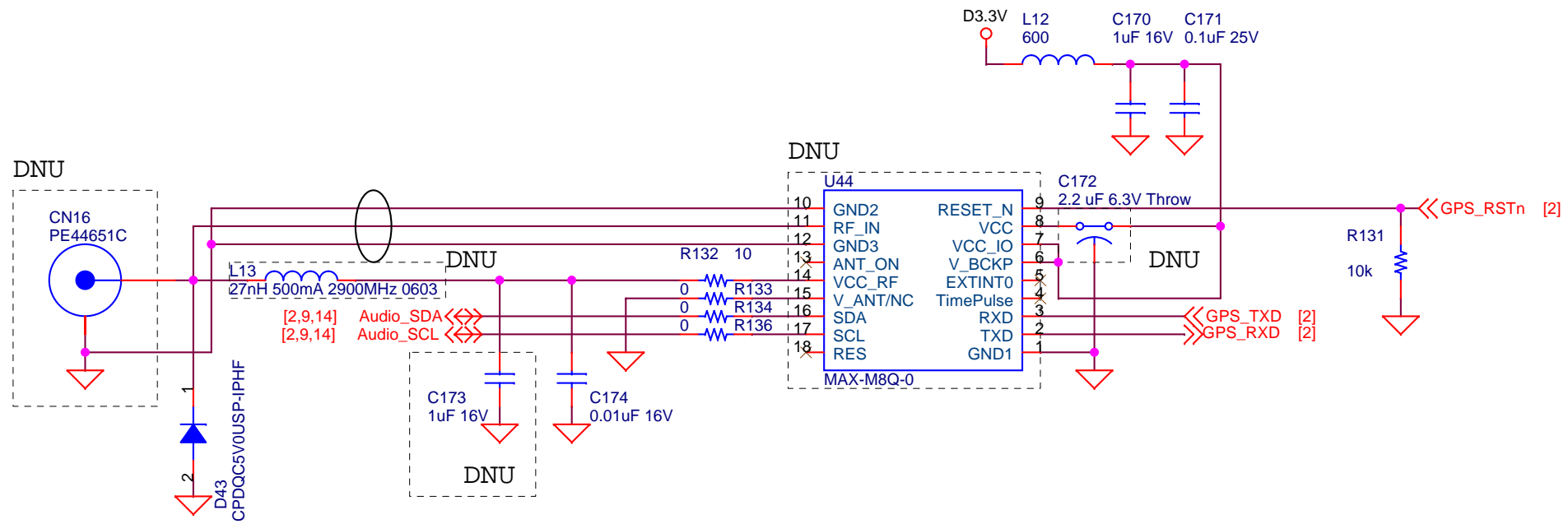
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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 12 of 28 |

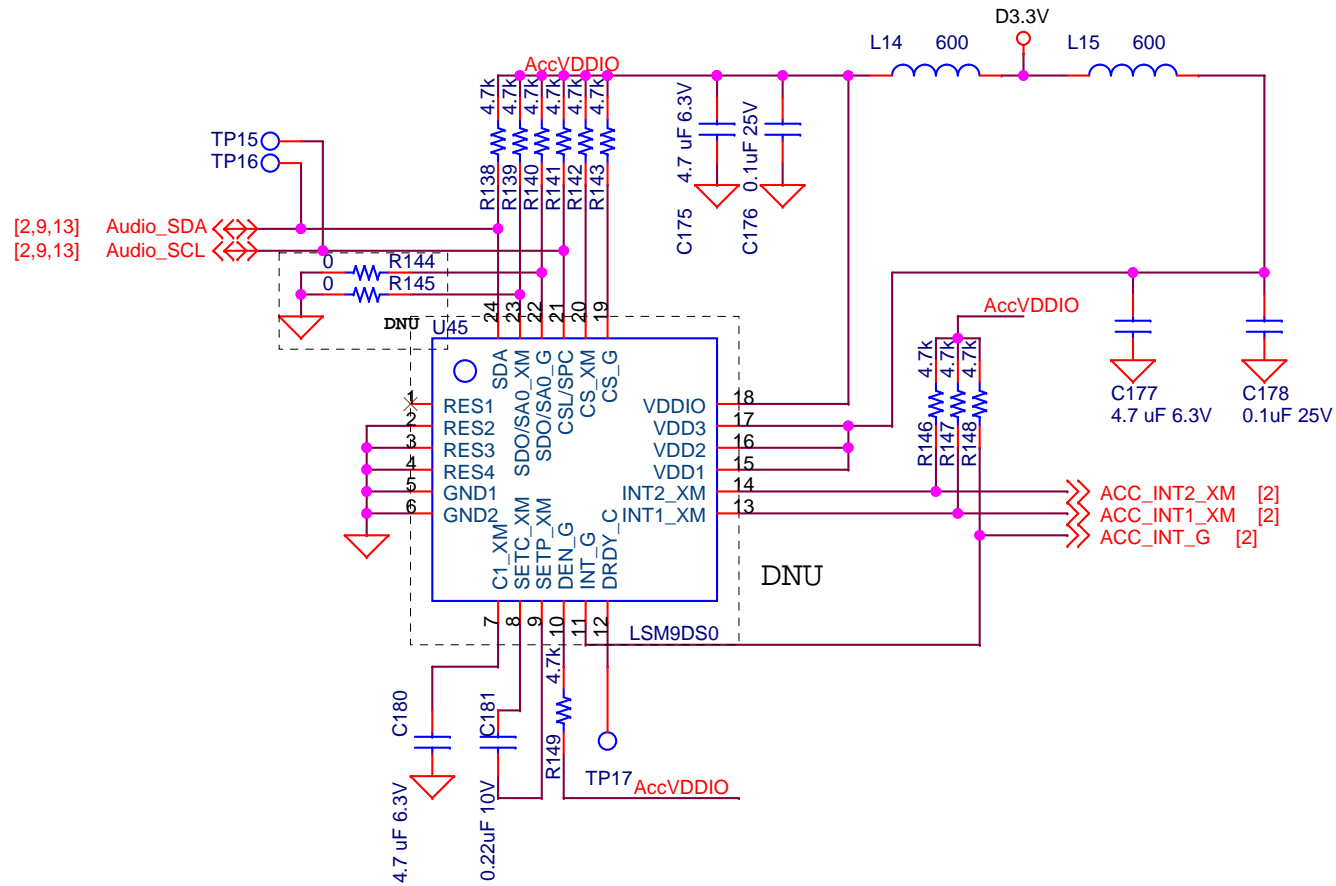
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 13 of 28 |

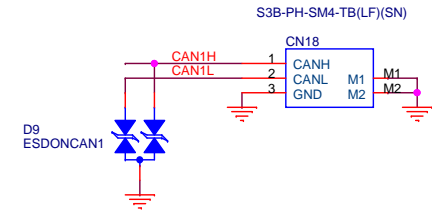
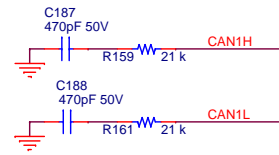
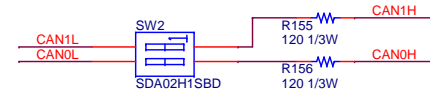
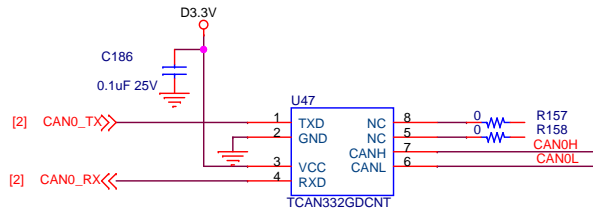
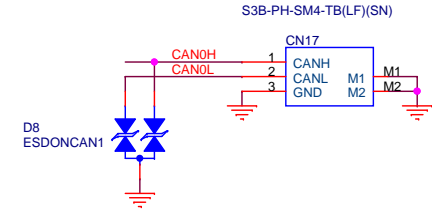
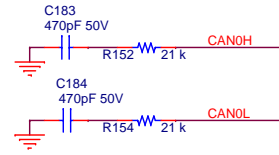
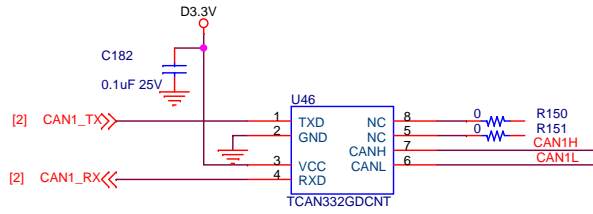
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| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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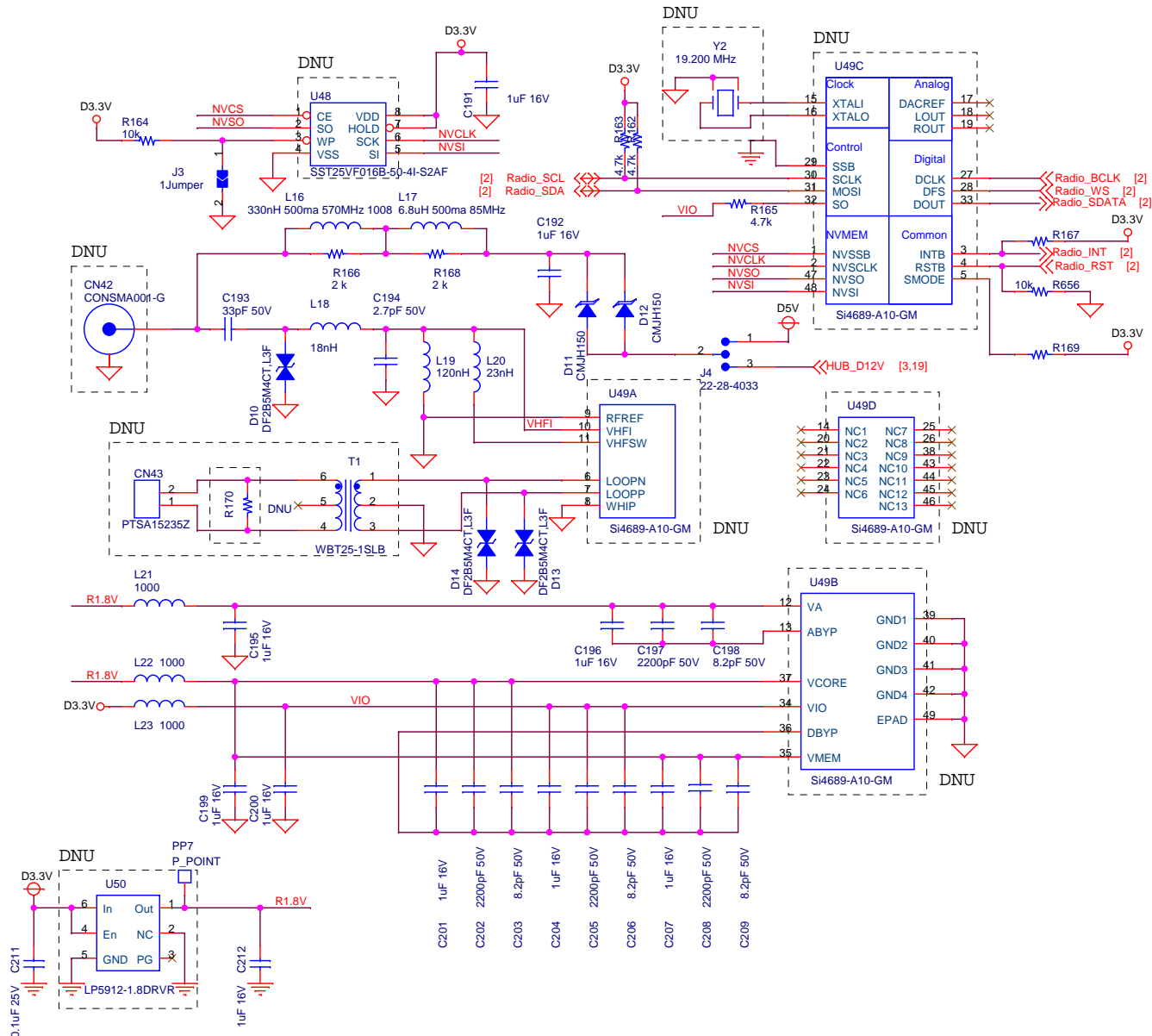
Preliminary



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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| B | SBEV-RCAR-KF-S03 | 1.0 |
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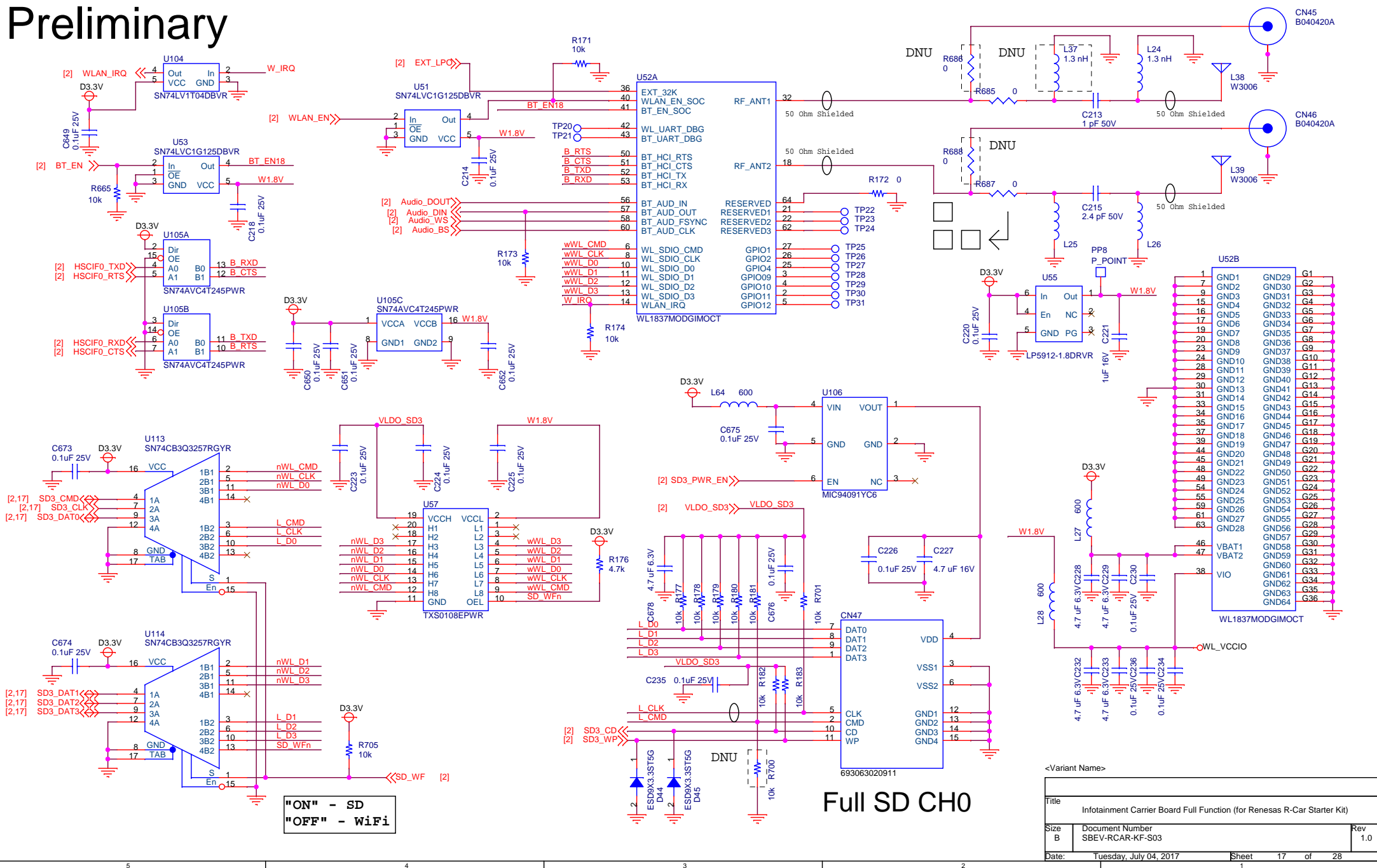
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| B | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 16 of 28 |

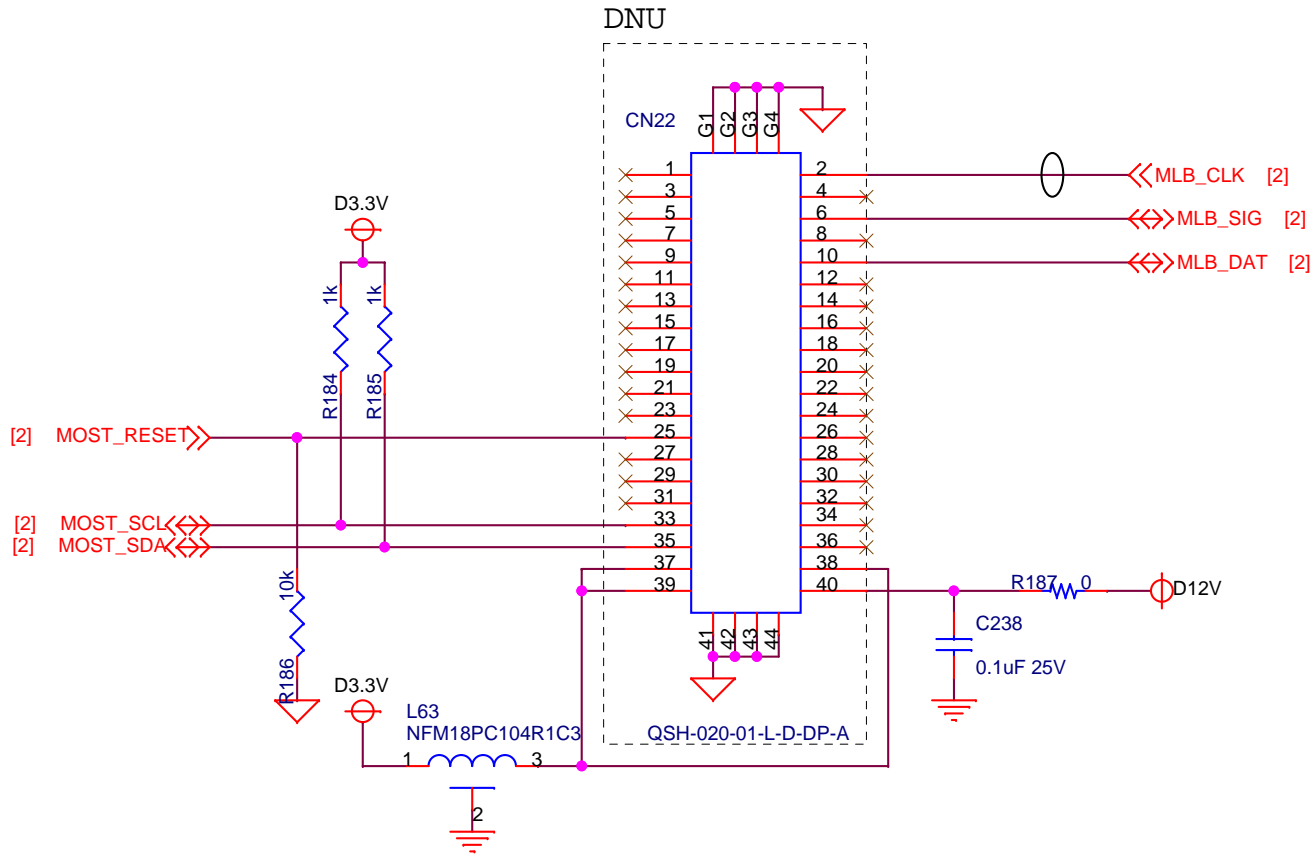
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| Title | Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size B | Document Number | SBEV-RCAR-KF-S03 | Rev 1.0 |
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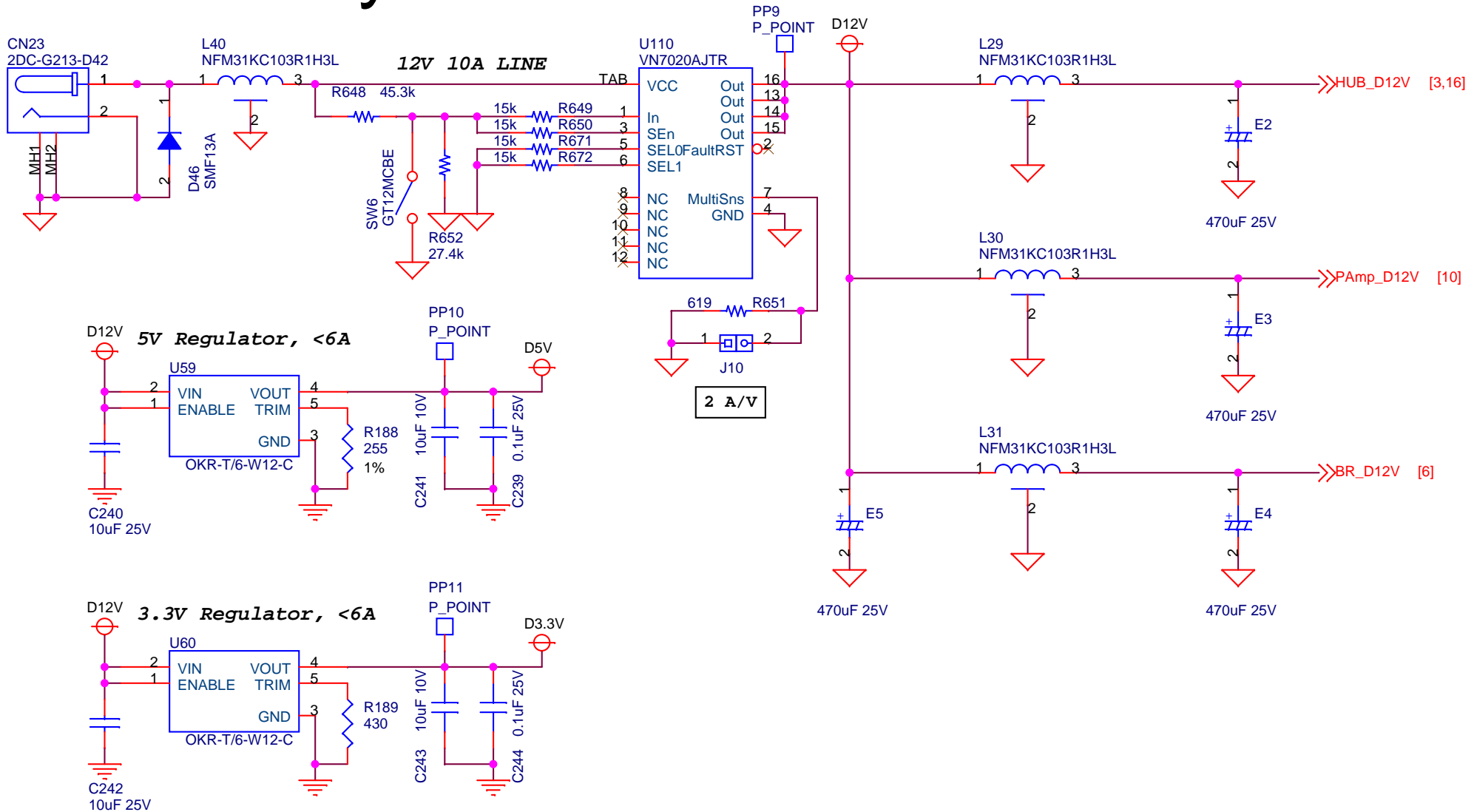
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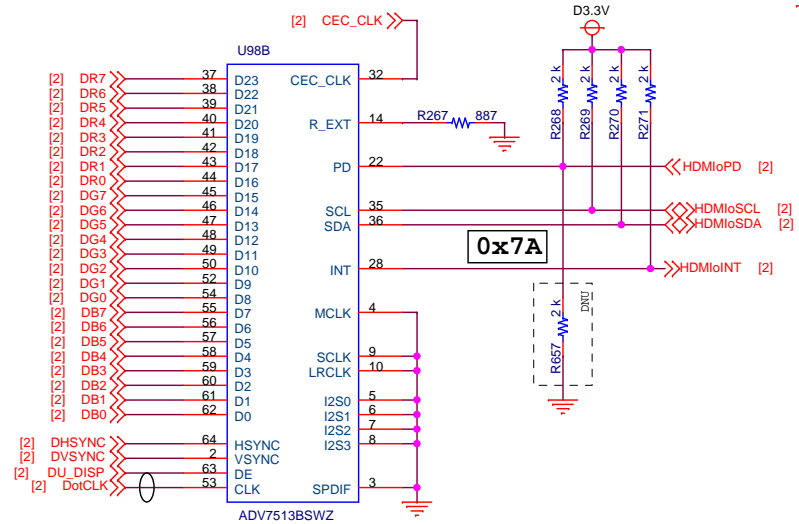
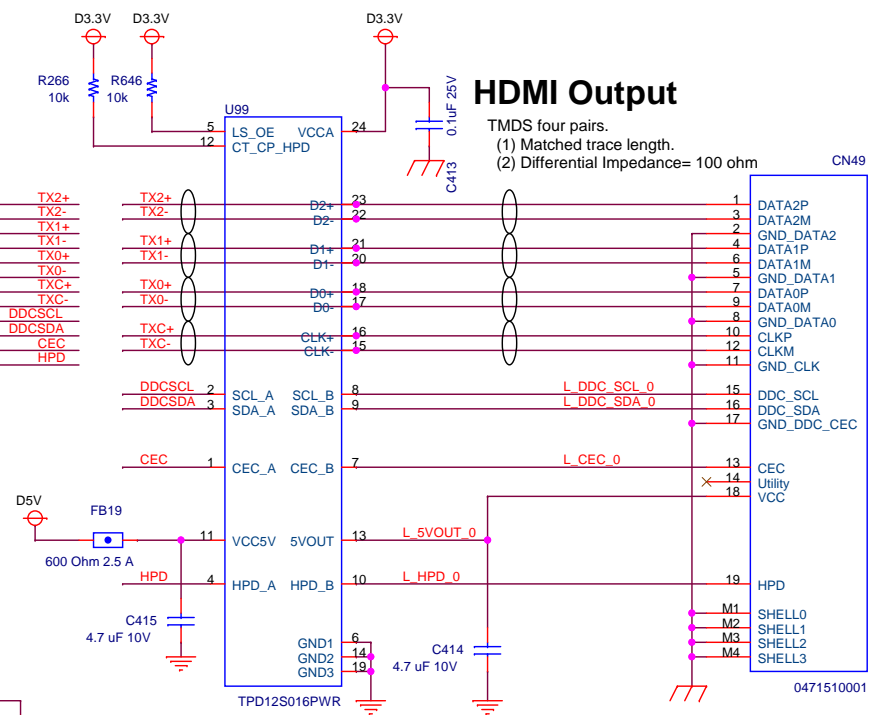
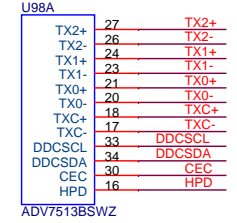
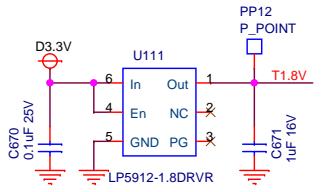
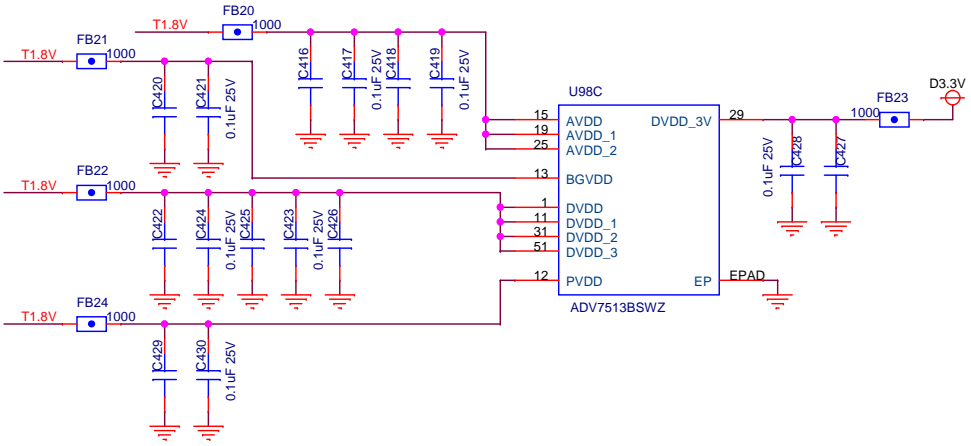
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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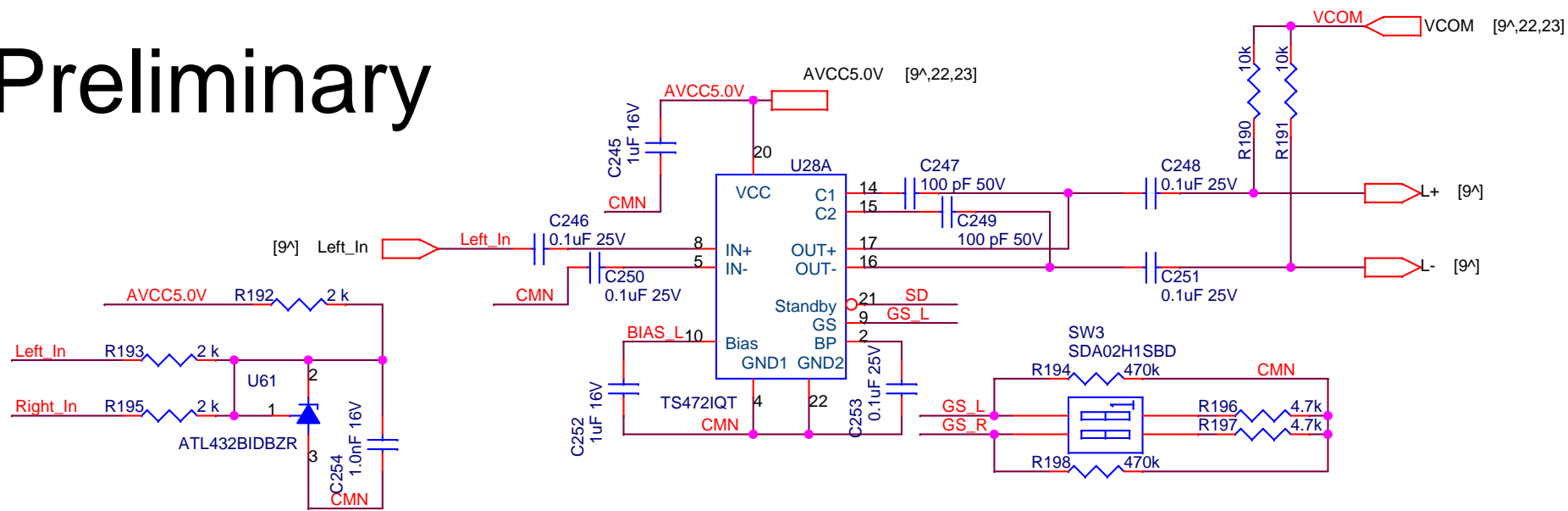
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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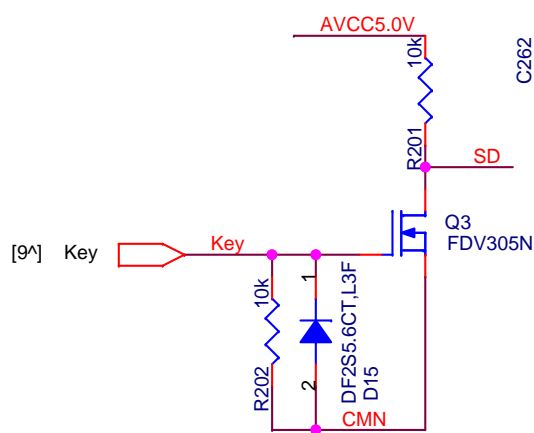
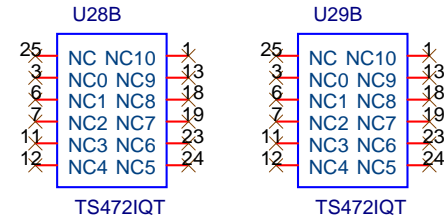
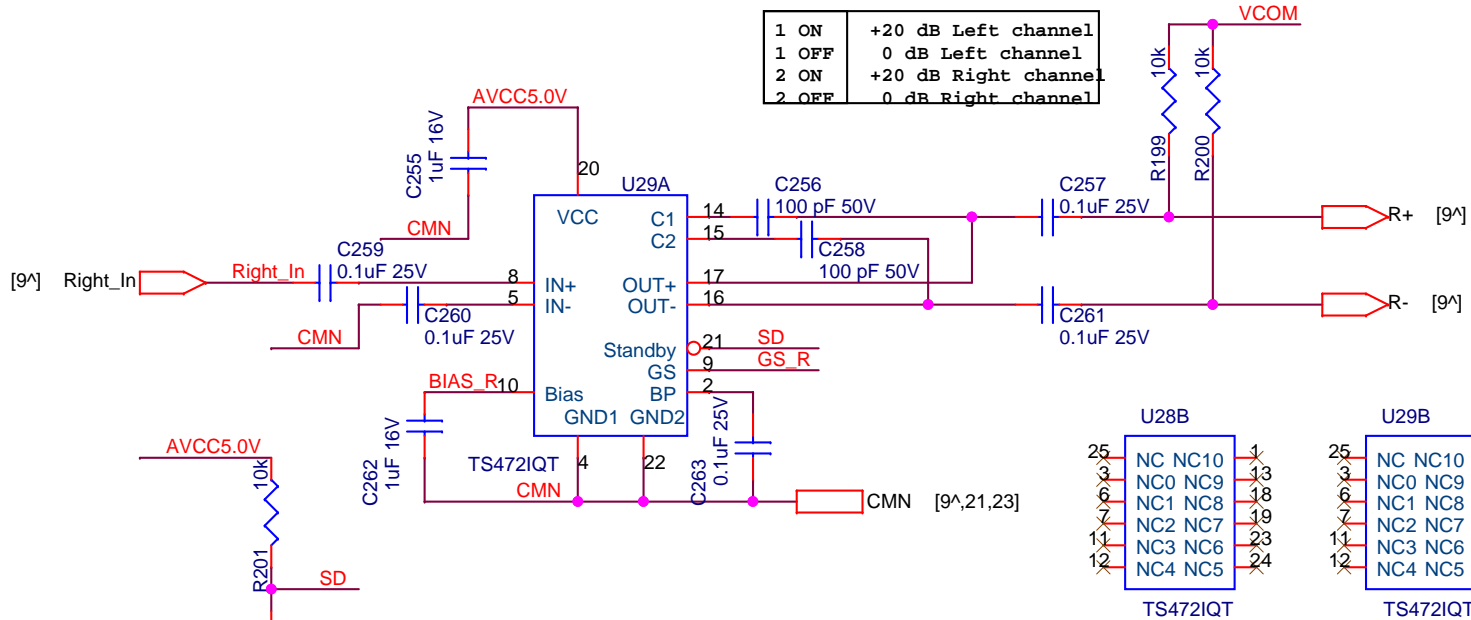
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| Size | Document Number | Rev |
| B | SBEV-RCAR-KF-S03 | 1.0 |
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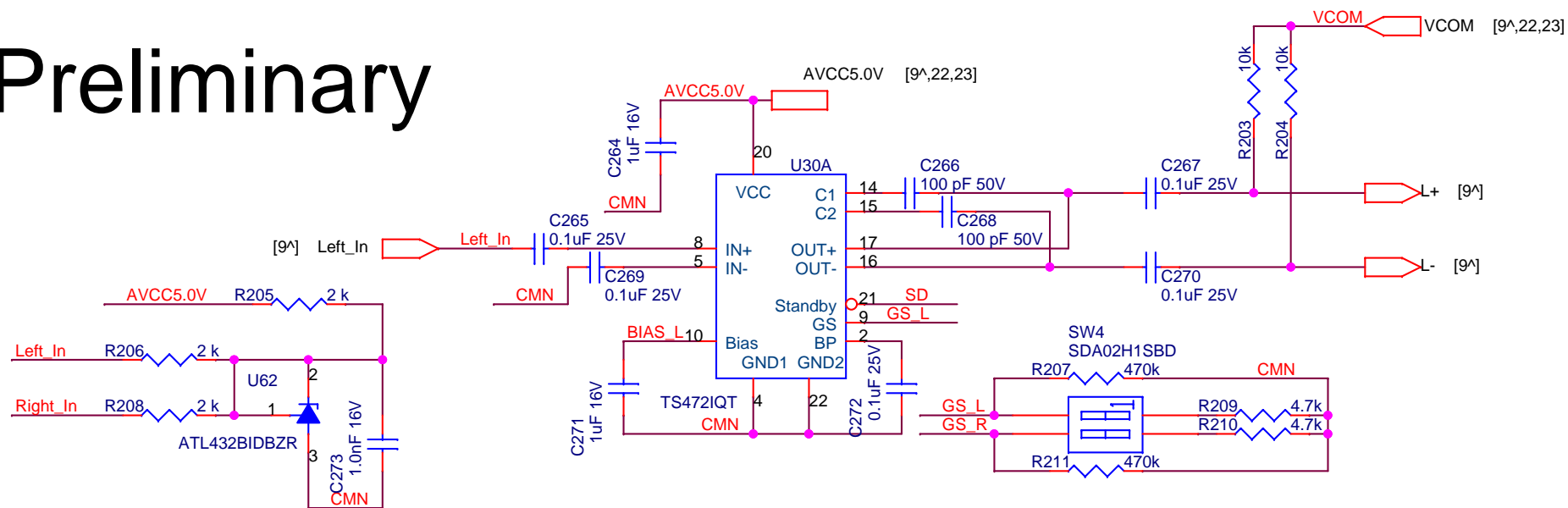
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|-------|----------------------|
| 1 ON | +20 dB Left channel |
| 1 OFF | 0 dB Left channel |
| 2 ON | +20 dB Right channel |
| 2 OFF | 0 dB Right channel |



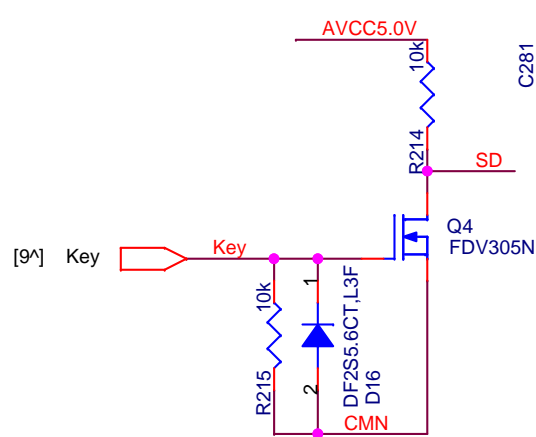
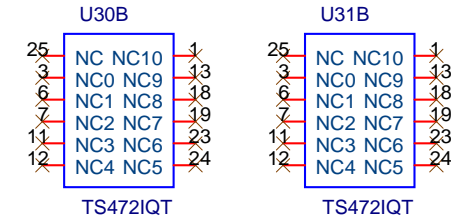
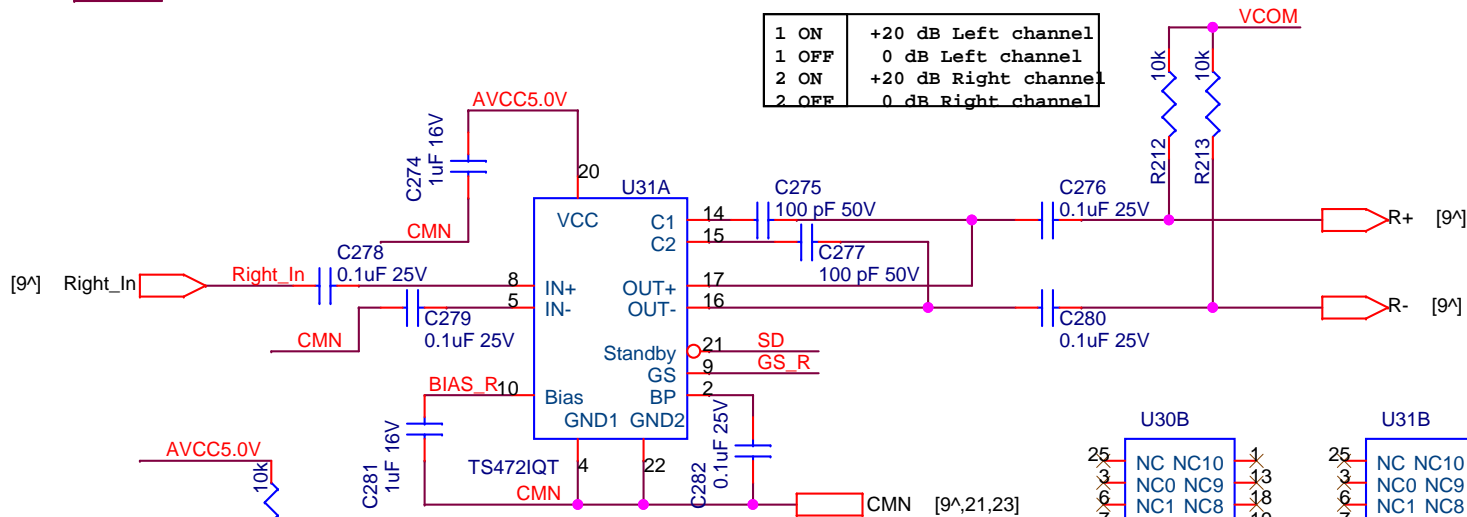
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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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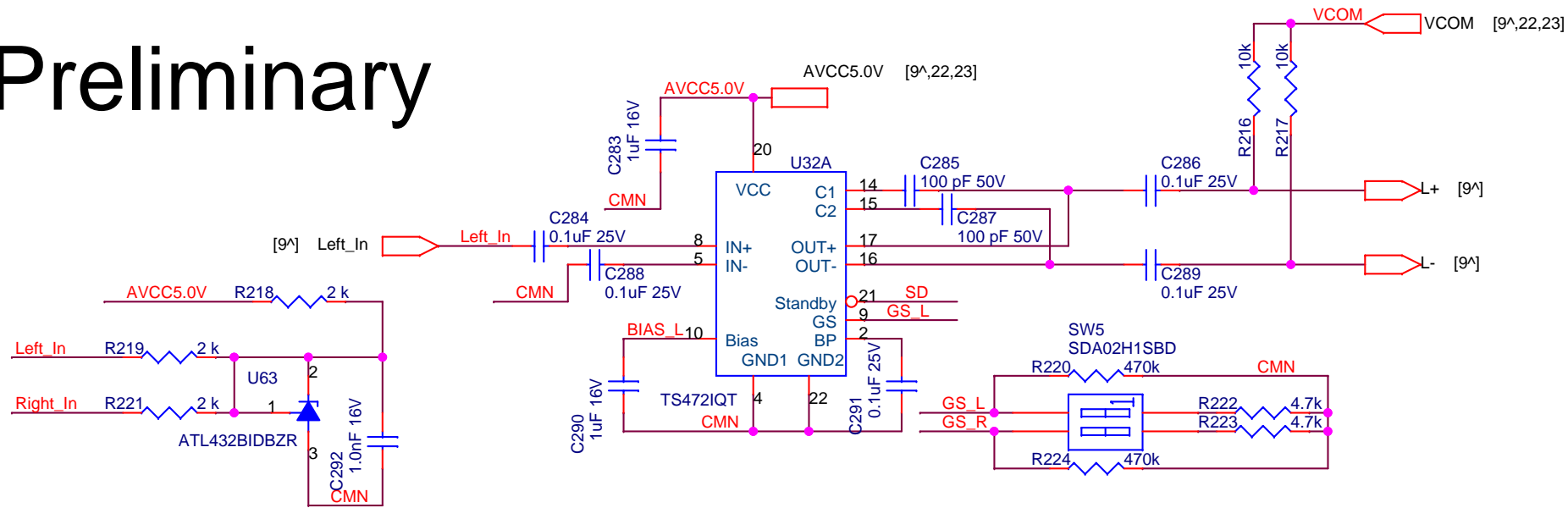
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| 1 ON | +20 dB Left channel |
| 1 OFF | 0 dB Left channel |
| 2 ON | +20 dB Right channel |
| 2 OFF | 0 dB Right channel |



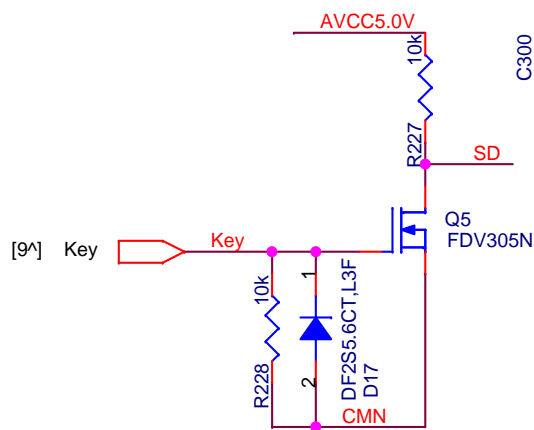
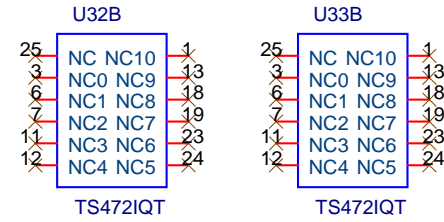
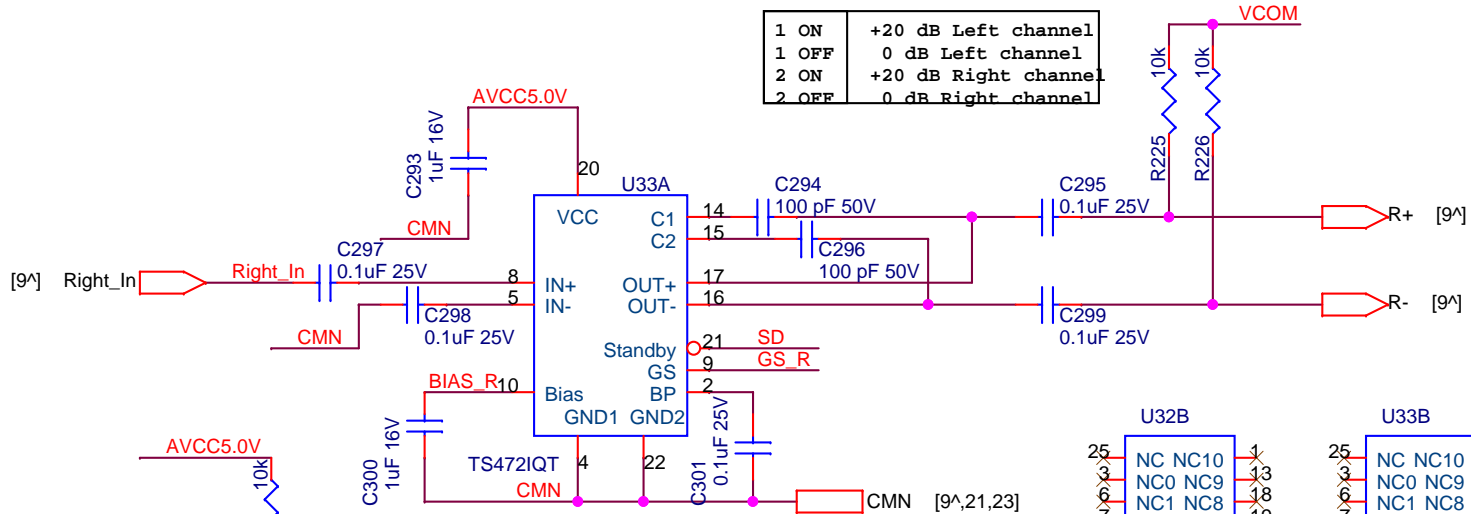
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| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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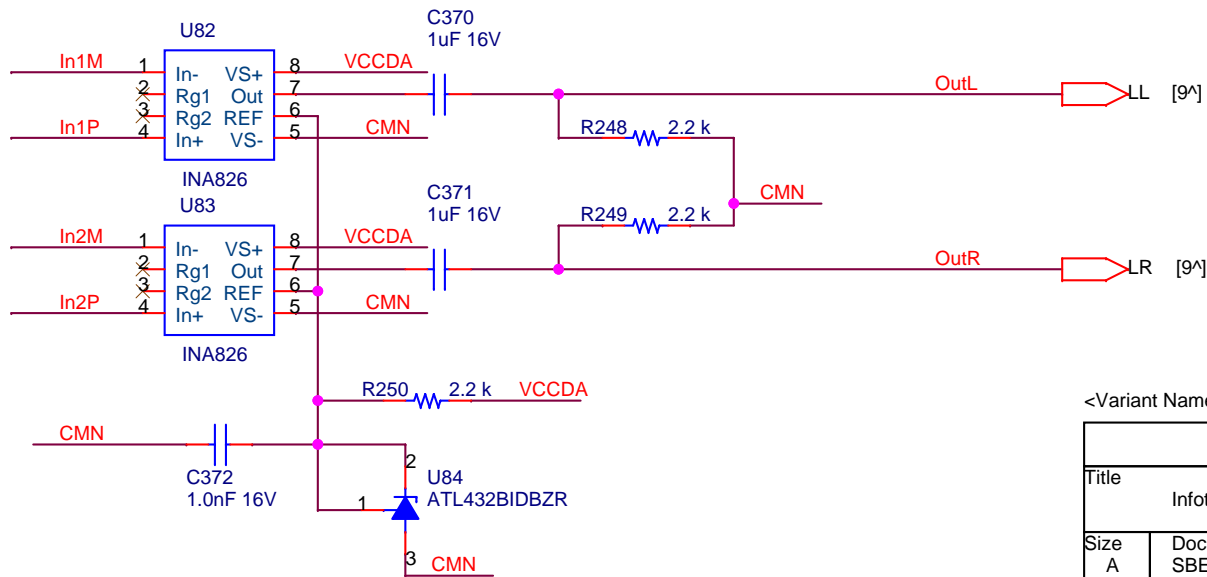
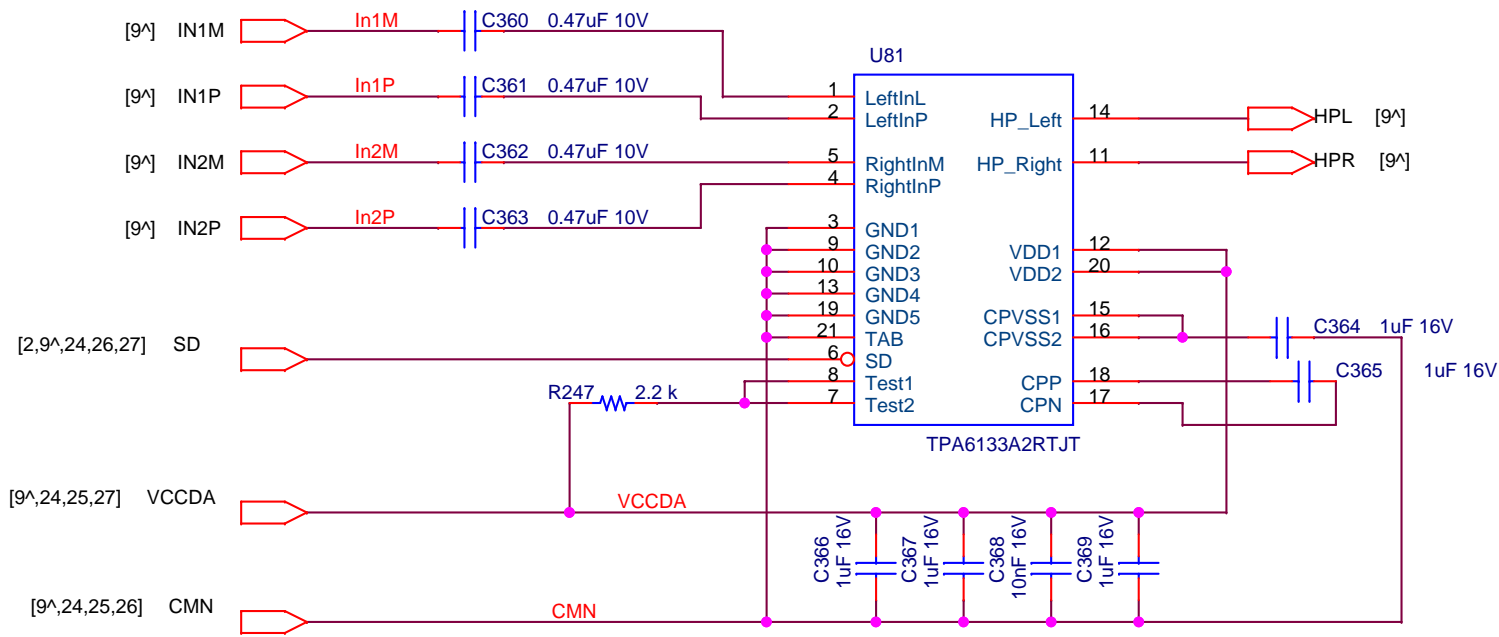
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| 1 ON | +20 dB Left channel |
| 1 OFF | 0 dB Left channel |
| 2 ON | +20 dB Right channel |
| 2 OFF | 0 dB Right channel |



<Variant Name>

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| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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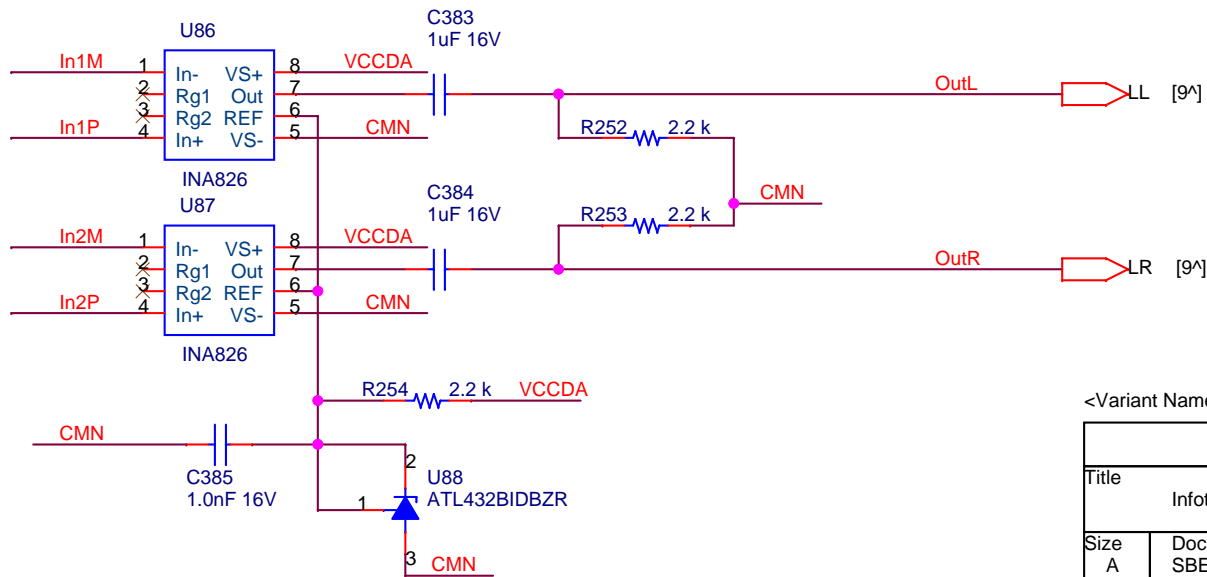
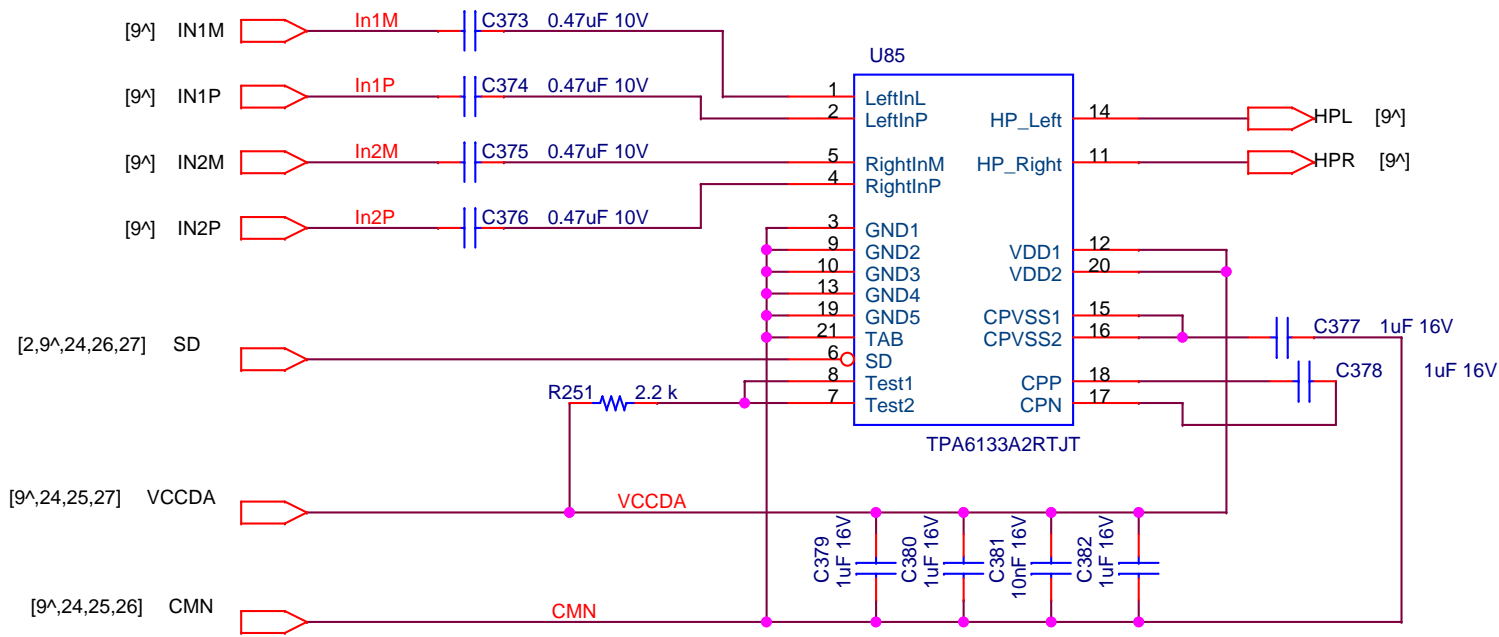
Preliminary



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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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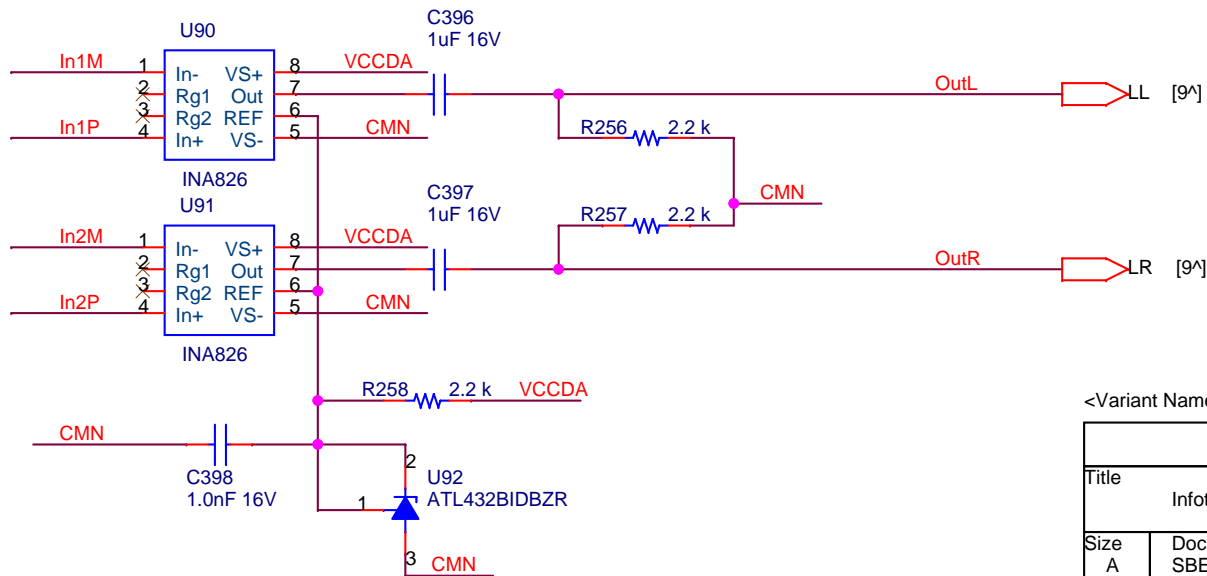
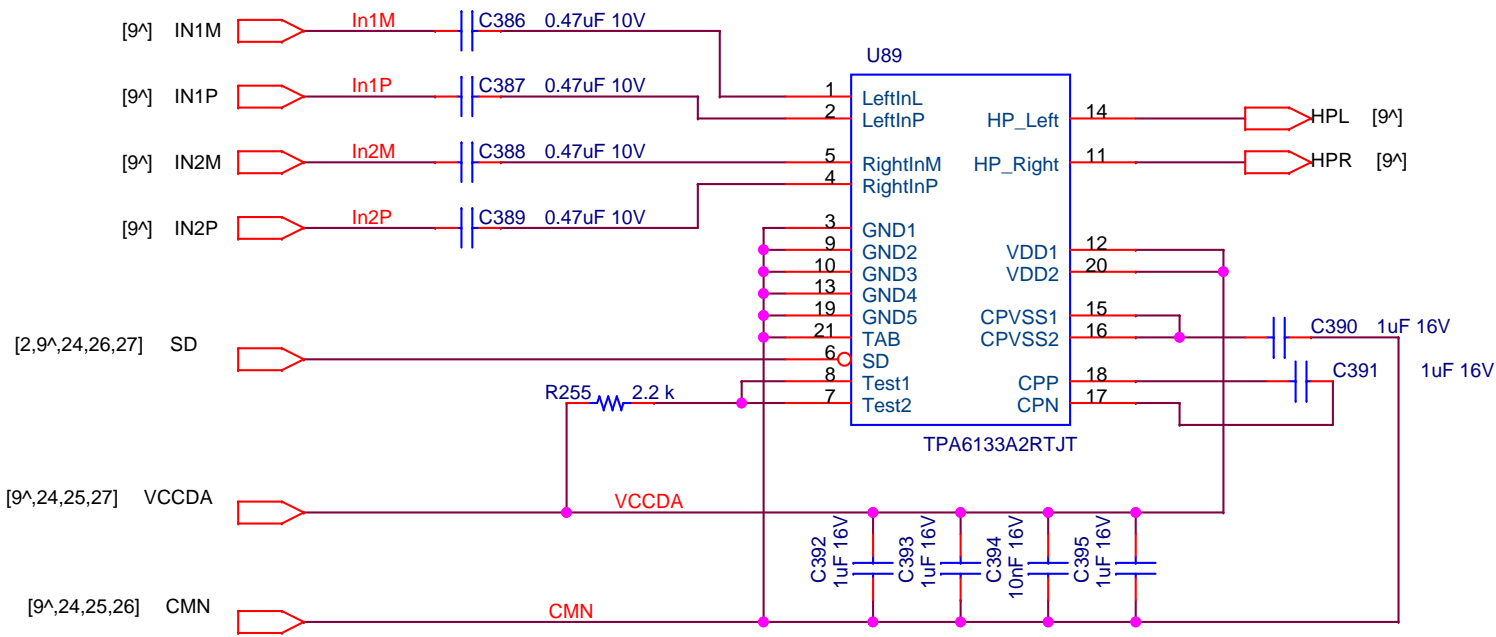
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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 25 of 28 |

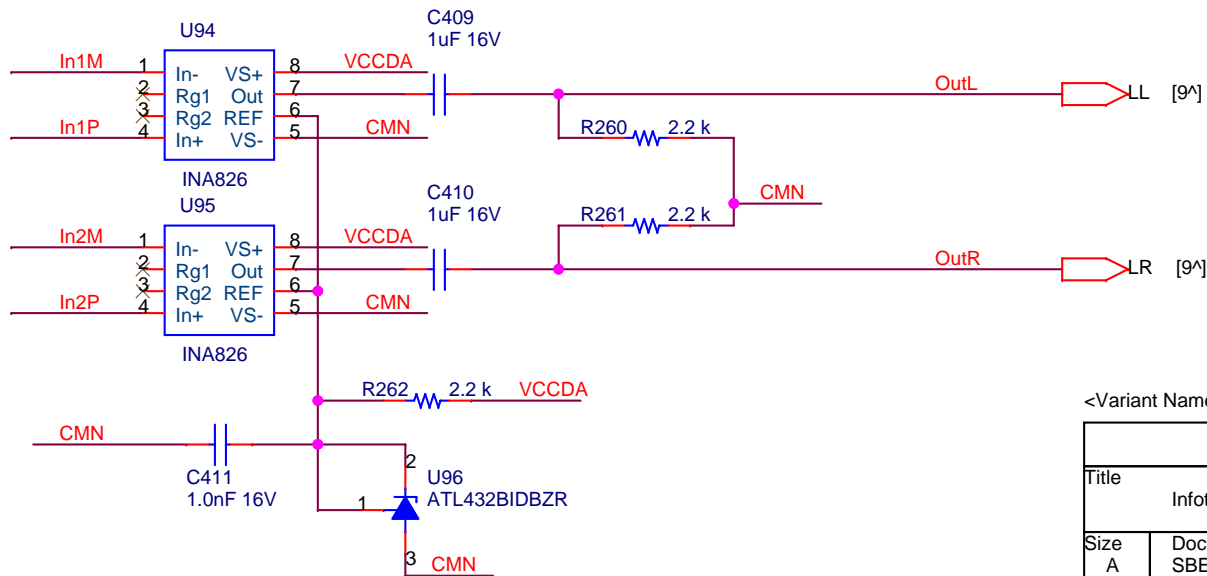
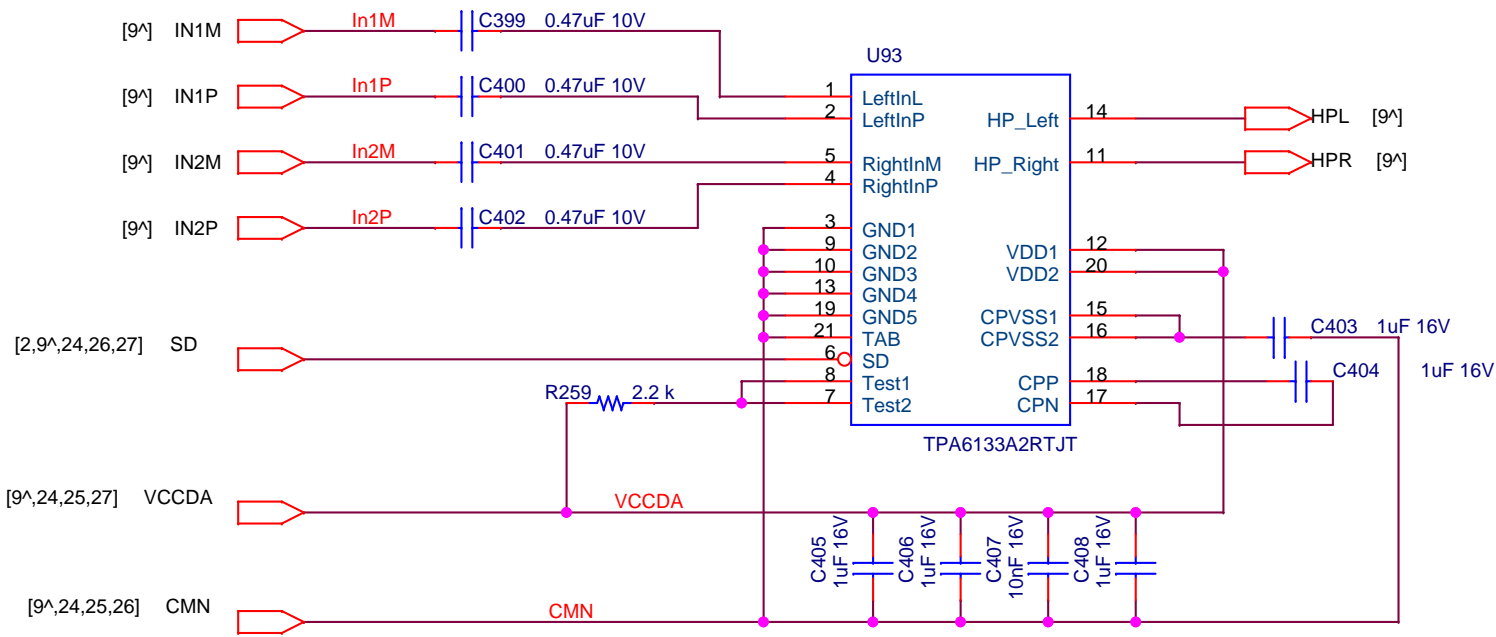
Preliminary



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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
| Date: | Tuesday, July 04, 2017 | Sheet 26 of 28 |

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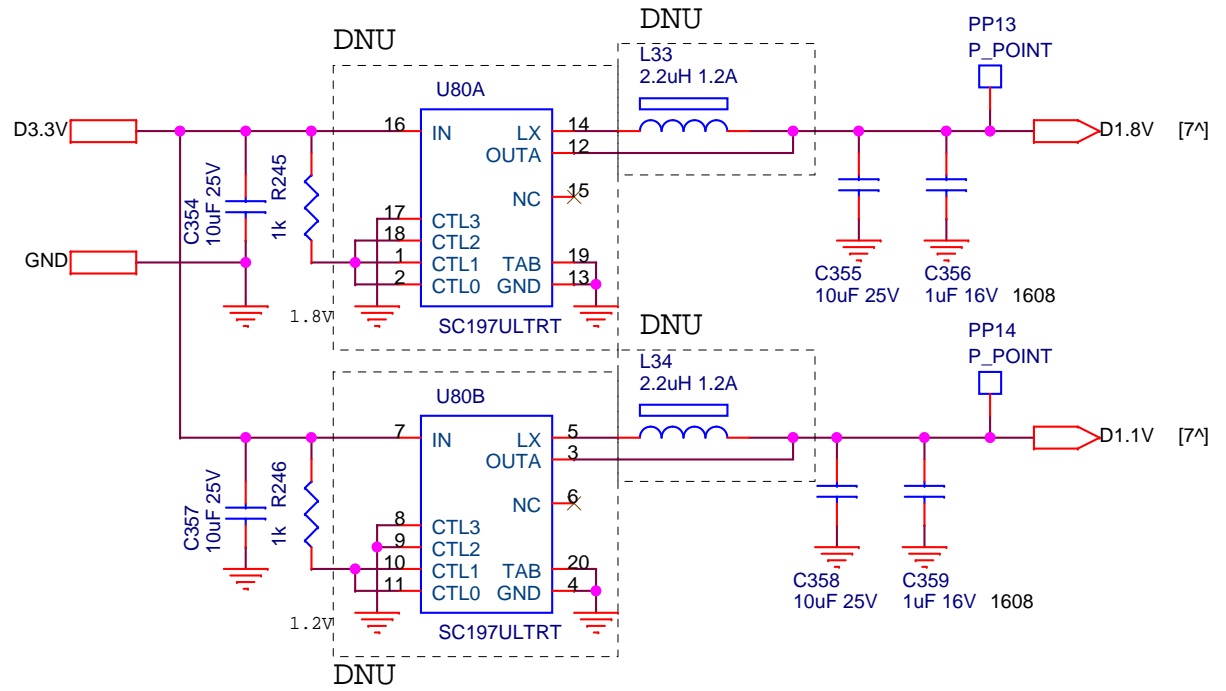


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| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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[2,4,5,6,7^,8,9,10,11,12,13,14,15,16,17,18,19,20]

[2,3,4,5,6,7^,8,9,10,11,12,13,14,15,16,17,18,19,20]



<Variant Name>

| | | |
|--|------------------------|----------------|
| Title | | |
| Infotainment Carrier Board Full Function (for Renesas R-Car Starter Kit) | | |
| Size | Document Number | Rev |
| A | SBEV-RCAR-KF-S03 | 1.0 |
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