

Page Description

Page 1: ALC268 Configuration (LQFP-48 package)

Page 2: ALC268Q Configuration (QFN-48 package)

Revision History

Ver 1.0

(1)First release

ALC268 Configuration

|          |                    |                  |                   |                      |                   |                  |
|----------|--------------------|------------------|-------------------|----------------------|-------------------|------------------|
|          | HP-OUT<br>(PORT-A) | MIC1<br>(PORT-B) | LINE1<br>(PORT-C) | LINE-OUT<br>(PORT-D) | LINE2<br>(PORT-E) | MIC2<br>(PORT-F) |
| Function | HP-OUT             | MIC-IN           | LINE-IN           | LINE-OUT             | N/A               | MIC-IN           |
| Location | Front              | Rear             | Rear              | Rear                 |                   | Front            |

ALC268Q Configuration

|          |                    |                  |                   |                      |                   |                  |
|----------|--------------------|------------------|-------------------|----------------------|-------------------|------------------|
|          | HP-OUT<br>(PORT-A) | MIC1<br>(PORT-B) | LINE1<br>(PORT-C) | LINE-OUT<br>(PORT-D) | LINE2<br>(PORT-E) | MIC2<br>(PORT-F) |
| Function | HP-OUT             | MIC-IN           | MIC-IN            | LINE-OUT             | N/A               | LINE-IN          |
| Location | Front              | Rear             | Front             | Rear                 |                   | Rear             |

 **REALTEK** Realtek Semiconductor, Crop.

Title

ALC268/ALC268Q Application Circuit

Size

Document Number

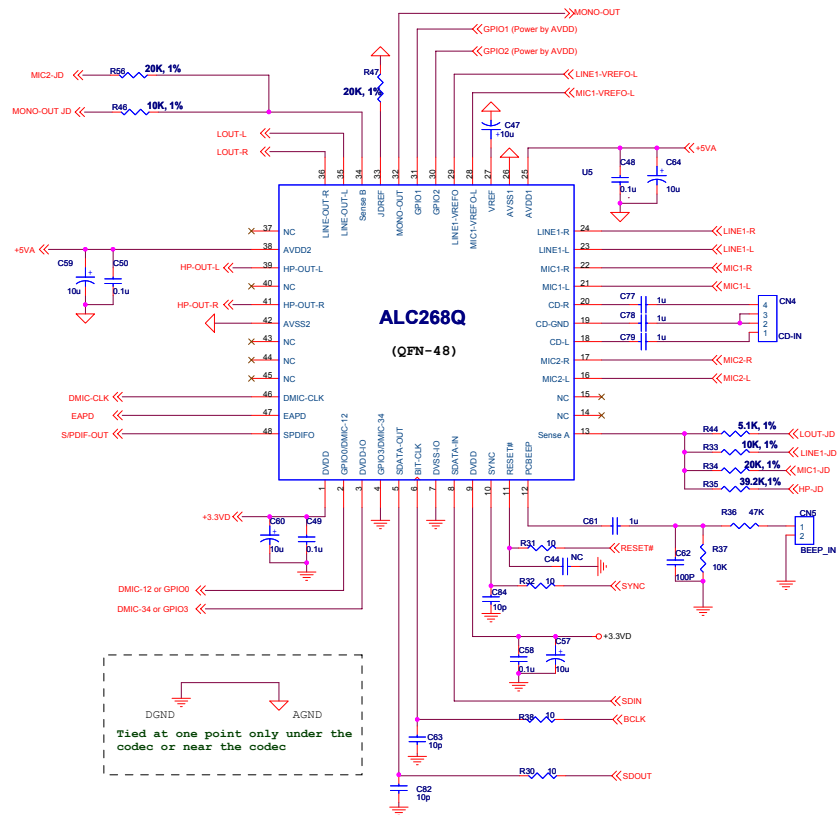
Rev

**Revision History**

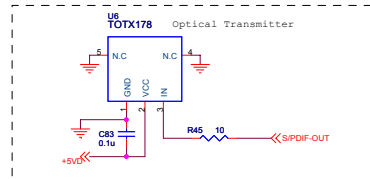
1.0

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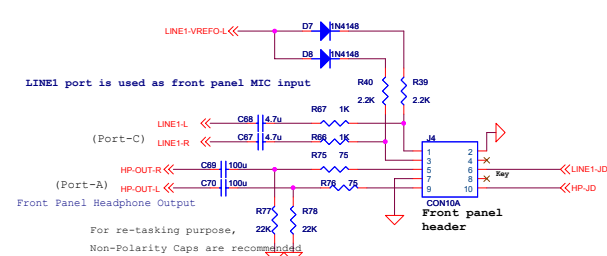
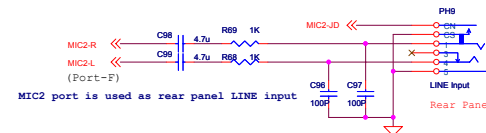
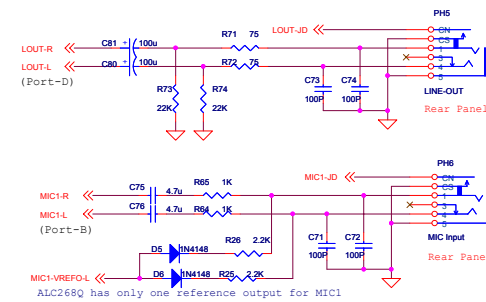
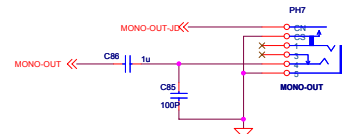
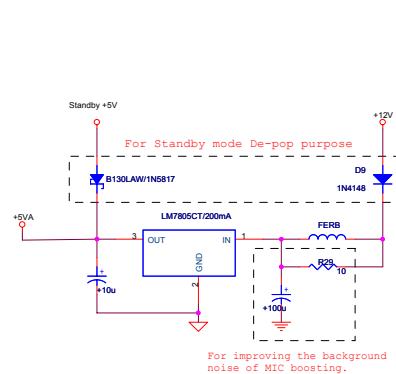
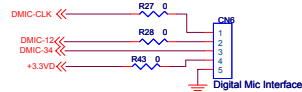
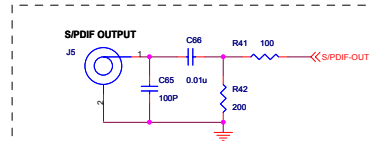




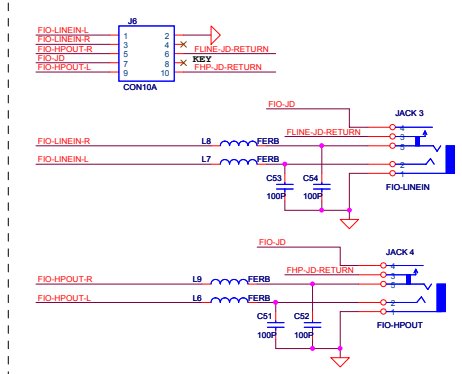
#### S/PDIF module option 1: Optical



#### S/PDIF module option 2: Coaxial



#### HD Audio Front Panel I/O Module



#### Configuration: (Standard Case) Rear Panel: 3 dedicated audio jacks Front Panel: 2 dedicated audio jacks

| Pin/Port Assignment          | Location    | Functions             |
|------------------------------|-------------|-----------------------|
| LINE-OUT (pin-35,36) /Port-D | Rear Panel  | LINE-OUT w/ amplifier |
| MIC1 (pin-21,22) /Port-B     | Rear Panel  | Mic-In                |
| MIC2 (pin-16,17) /Port-F     | Rear Panel  | Line-In               |
| HP-OUT (pin-39,41) /Port-A   | Front Panel | HP-OUT w/ amplifier   |
| LINE1 (pin-23,24) /Port-C    | Front Panel | Mic-In                |

\*ALC268Q has no reference output for MIC2, so MIC2 could be used as line input only

\*ALC268Q has reference output for LINE1, so LINE1 could be used as microphone input at front panel

| File  | ALC268Q Application Circuit  | Rev          |
|-------|------------------------------|--------------|
| Size  | Document Number              | 1.0          |
|       | (3+2 Solution, Standard)     |              |
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