D1 typ reverse current at 4V at 50C: 100uA

R7 ensures that Q12 stays on even with the leakage current from D1.
At 5V:

- R4 DNP -> Gain 9dB
- R4 = 0ohm -> Gain 6dB
- R4 = 100k -> Gain 3dB

(Gain values of 12dB and 15dB would require a resistor to GND)

At 5V:

- R5 = 1M -> mix both channels
- R5 = 0ohm -> left channel
- R5 = 370k -> right channel

Audio DAC+amp

MAX98357

SD_MODE

BCLK

LRCLK

DIN

OUTP

OUTN

VDD

GND

GAIN


MAX98357AETE+T

VDD: 2.5-5.5V

Op. Temp: -40~85°C

3.2W I2S Mono Amp

VDD: 2.5-5.5V

Op. Temp: -40~85°C

3.2W I2S Mono Amp