D1 typ reverse current at 4V at 50C: 100μA
R7 ensures that Q12 stays on even with the leakage current from D1
AUTO GENERATED - DONT EDIT
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:
- RS = 1M -> mix both channels
- RS = 0ohm -> left channel
- RS = 370k -> right channel