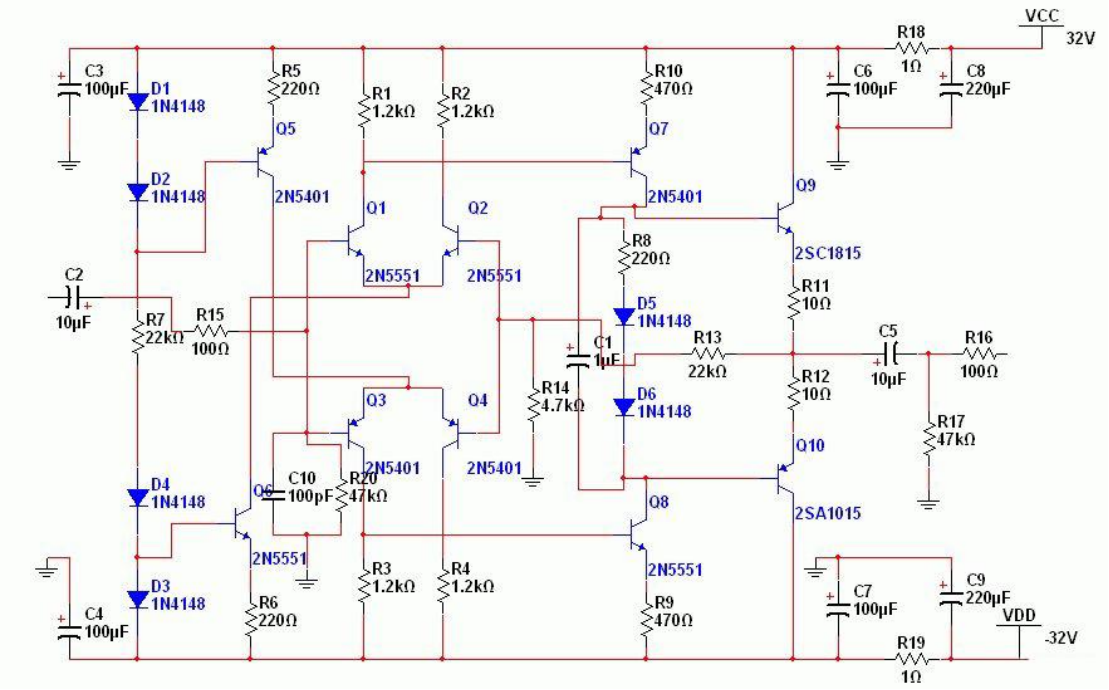
VCC
32V
R18
1Ω
C3
100µF
D1
1N4148
R5
220Ω
R1
1.2kΩ
R2
1.2kΩ
R10
470Ω
C6
100µF
C8
220µF
Q5
Q7
D2
1N4148
2N5401
2N5401
Q9
Q1
Q2
R8
220Ω
2N5551
2N5551
2SC1815
C2
10µF
R11
10Ω
D5
1N4148
R7
22kΩ
R15
100Ω
C1
1µF
R13
22kΩ
C5
10µF
R16
100Ω
R14
4.7kΩ
R12
10Ω
D6
1N4148
Q3
Q4
R17
47kΩ
Q10
D4
1N4148
C10
100pF
R20
47kΩ
2N5401
2N5401
Q6
Q8
2SA1015
2N5551
2N5551
R3
1.2kΩ
R4
1.2kΩ
C7
100µF
C9
220µF
C4
100µF
D3
1N4148
R6
220Ω
R9
470Ω
VDD
-32V
R19
1Ω