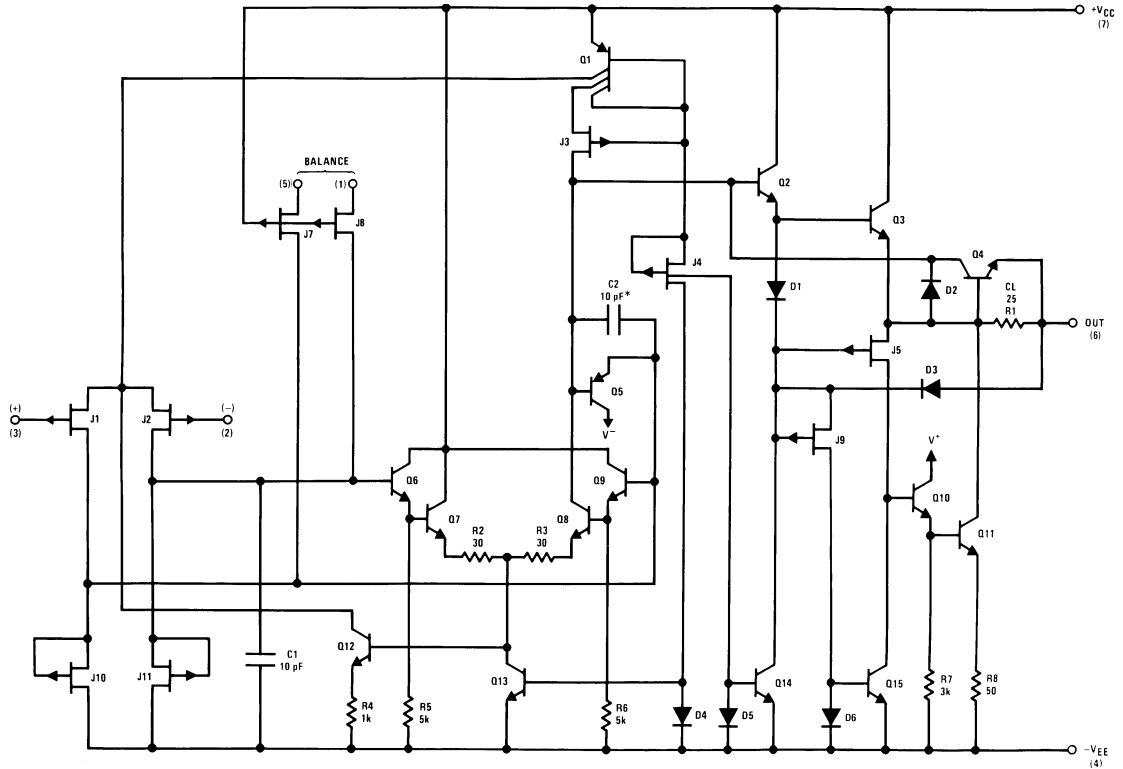


Detailed Schematic

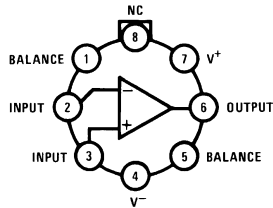


*C = 3pF in LF357 series.

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Connection Diagrams (Top Views)

Metal Can Package (H)

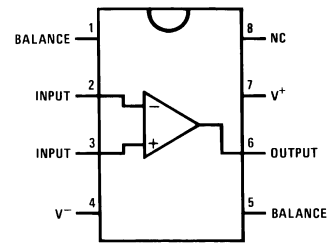


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Order Number LF155H, LF156H, LF256H, LF257H,
LF356BH, LF356H, or LF357H
See NS Package Number H08C

*Available per JM38510/11401 or JM38510/11402

Dual-In-Line Package (M and N)



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Order Number LF356M, LF356MX, LF355N, or LF356N
See NS Package Number M08A or N08E

Application Hints

These are op amps with JFET input devices. These JFETs have large reverse breakdown voltages from gate to source and drain eliminating the need for clamps across the inputs. Therefore large differential input voltages can easily be accommodated without a large increase in input current. The maximum differential input voltage is independent of the supply voltages. However, neither of the input voltages should be allowed to exceed the negative supply as this will cause large currents to flow which can result in a destroyed unit.

Exceeding the negative common-mode limit on either input will force the output to a high state, potentially causing a