

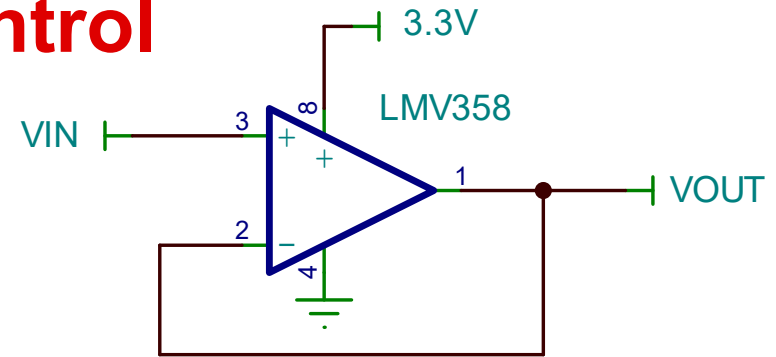
Input common mode loss of control

While in valid range $V_{IN} < 2.7V$, $V_{OUT} = V_{IN}$.

The loop is closed and under control. If both inputs exceed input CM range, the output will either try to go to VOL or VOH (low or high).

Samples that want to go to VOH will do so abruptly. The positive feedback slams output to VOH level. However when V_{IN} is reduced, normal closed loop operation is resumed.

Samples that want to go to VOL (and have negative feedback) will self-regulate the inverting input at the actual device upper mode limit voltage. However when V_{IN} is reduced, normal closed loop operation is resumed.



VOUT vs. VIN, bidirectional sweep

