The TSC103 high-side current sense amplifier can be used in either single- or dual-supply mode. In the single-supply configuration, the TSC103 features a wide 2.9 V to 70 V input common-mode range totally independent of the supply voltage. In the dual-supply range, the common-mode range is shifted by the value of the negative voltage applied on the Vcc- pin. For instance, with Vcc+ = 5 V and Vcc- = -5 V, then the input common-mode range is -2 V to 65 V.

Common-mode voltage: 2.9 V to 70 V