

The diagram shows a precision current source circuit. It features an LMP8646 op-amp configured as a voltage follower. The non-inverting input (+IN) is connected to a voltage divider consisting of a 10k resistor (R2) and a 44.2k resistor (R7) connected to a 3.5V supply. The inverting input (-IN) is connected to the output (Vout) and also to a 50Ω resistor (R7) connected to the op-amp's internal reference. The op-amp's output (Vout) is connected to a load resistor (R2, 35.5k) and a 10nF capacitor (C2) to ground. The op-amp is powered by a 3.5V supply (V+) and has its ground (V-) connected to the same 3.5V supply. The op-amp's internal reference is connected to a 50Ω resistor (R7) and a 10nF capacitor (C2) to ground. The op-amp's output (Vout) is connected to a load resistor (R2, 35.5k) and a 10nF capacitor (C2) to ground. The op-amp's internal reference is connected to a 50Ω resistor (R7) and a 10nF capacitor (C2) to ground.

Rev:  
Id: 1/1