

It is connected to the buck-boost converter input side to sense a bidirectional current.



(1.6V@-9A, 2.0V@0A, 2.8V@15A)

At a current exceeding the above conditions, the OUT pin voltage is fixed to 1.6 V downward/ 2.8 V upward.

However, when a DC current is applied and tested, the OUT pin voltage is output according to the current value without a problem.

[Waveform]

The waveform below is the result under condition of VREF=GND.

You can see that the OUT pin voltage no longer rises from 0.671V.



