

The circuit used is that of Figure 10 described in 9.2.2 of the data sheet, with some parameters changed.

9.2.2 Step-Up Converter Application

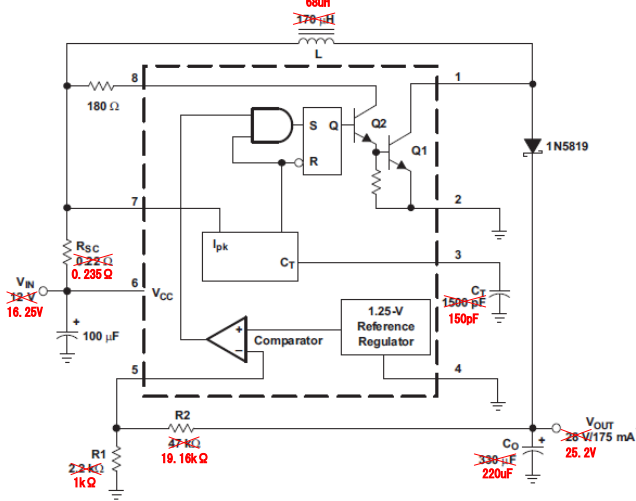
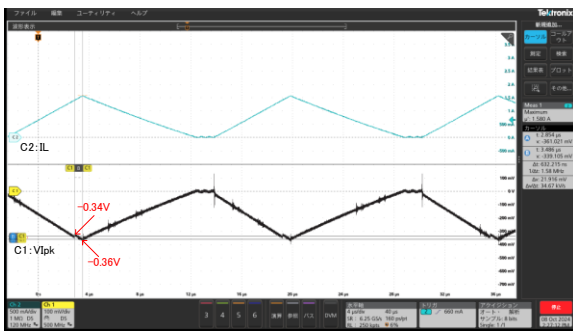


Figure 10. Step-Up Converter

When observing the V_{ipk} value, the current is limited at 0.36V.

※ The acquired waveform is attached below.

※ The ambient temperature was around 20°C.



The data sheet states that V_{ipk} is 0.25 to 0.35V, but can it ever rise to 0.36V?