LM317HVK Minimum input voltage:

- Vref: \( 1.2 \leq 1.25 \leq 1.3 = +4\% \)
- Long term stability = +1%
- Temperature stability = +1%
- 1% resistor tolerances for R1 and R2 = +1%^2

Total = 4% * 1%^4 = 8.22%

Adj current: \( 0 \leq 50E^{-6} \leq 100E^{-6} = +1330 * 100E^{-6} = 0.133 \text{ V} \)

Drop out: +2.5 V

\[
((1.25 \times (1 + (1330 / 121))) \times 1.0822) + 0.133 + 2.5 = 18.86 \text{ V}
\]