

Figure 1 Vin: reduced to 40V → 26.3V (around 28.8V)

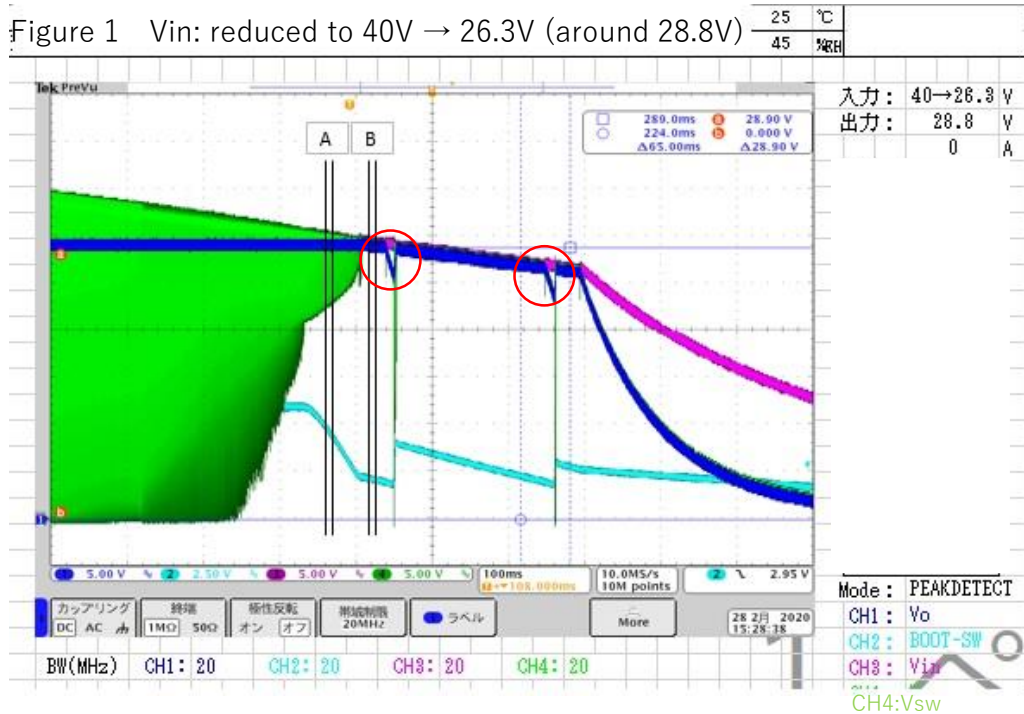


Figure 2: Enlargement of area B in Figure 1

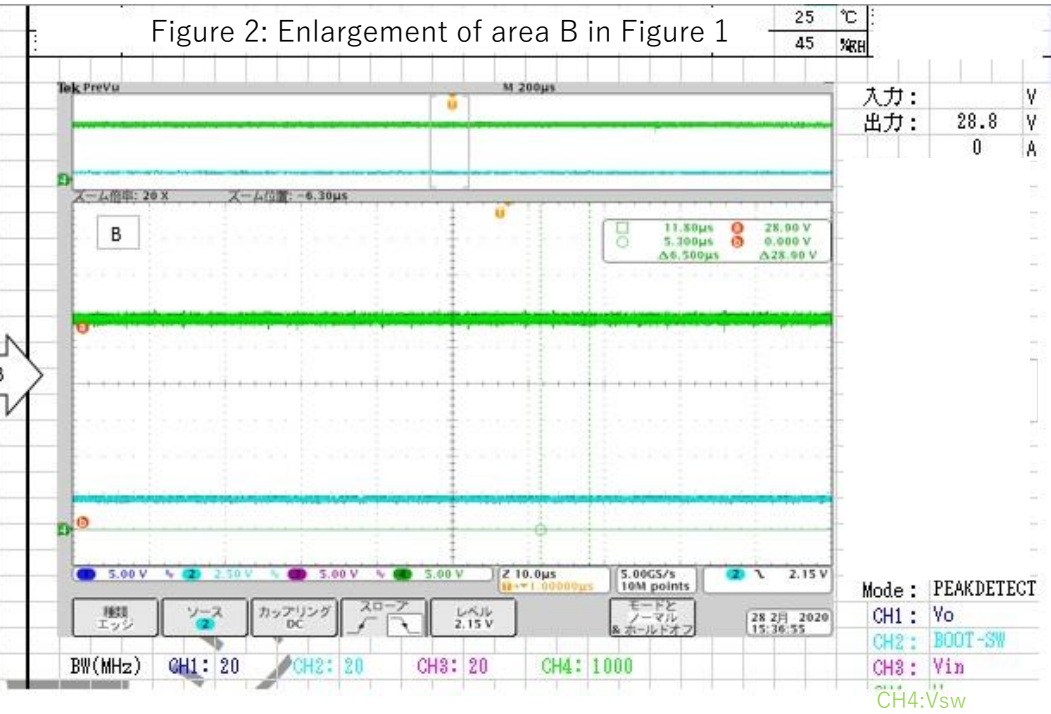
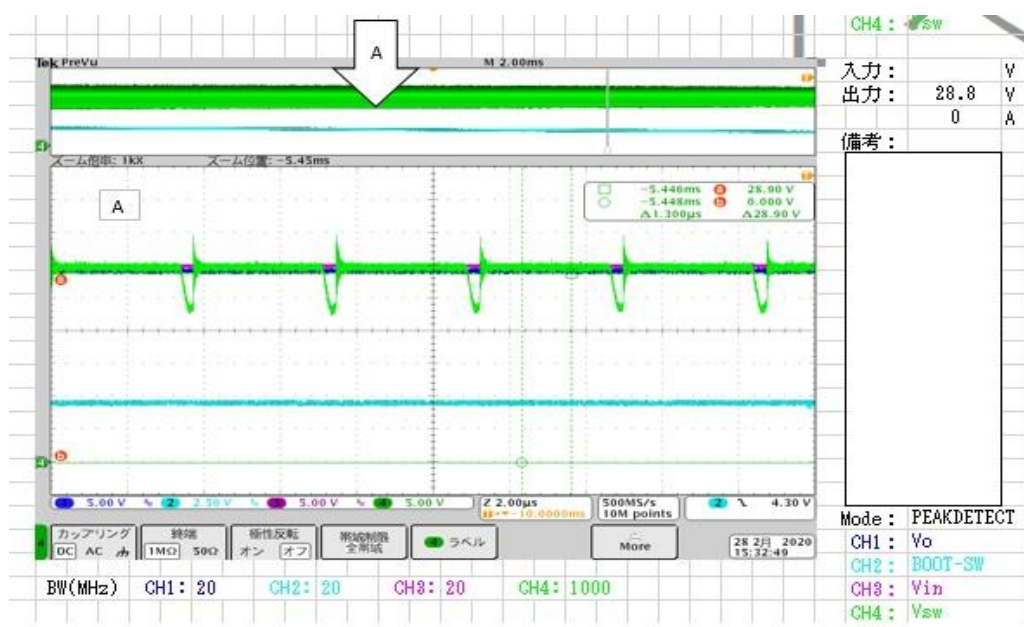


Figure 3: Enlargement of area A in Figure 1



Question

Waveform conditions

Vin = 40V-26.3V

Vout = 28.8V Iout = 0A

- Drop Vin to the output voltage as shown in Fig.1.
- Vout falls like red area.

I want to eliminate the phenomenon that this Vout falls

Is there a way?

Are there other devices that can be accommodated in the same package?

I think the cause lies in BOOT, but what about it?