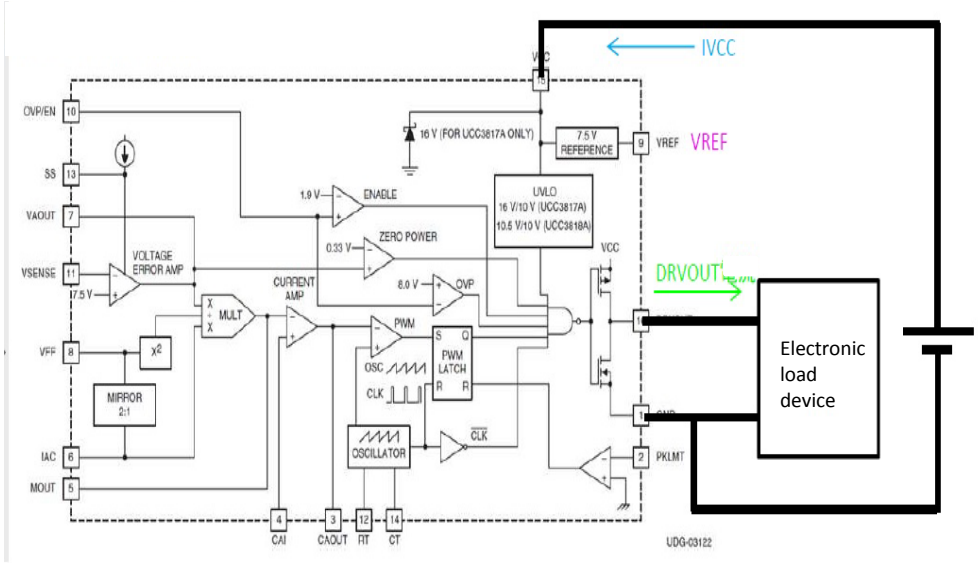
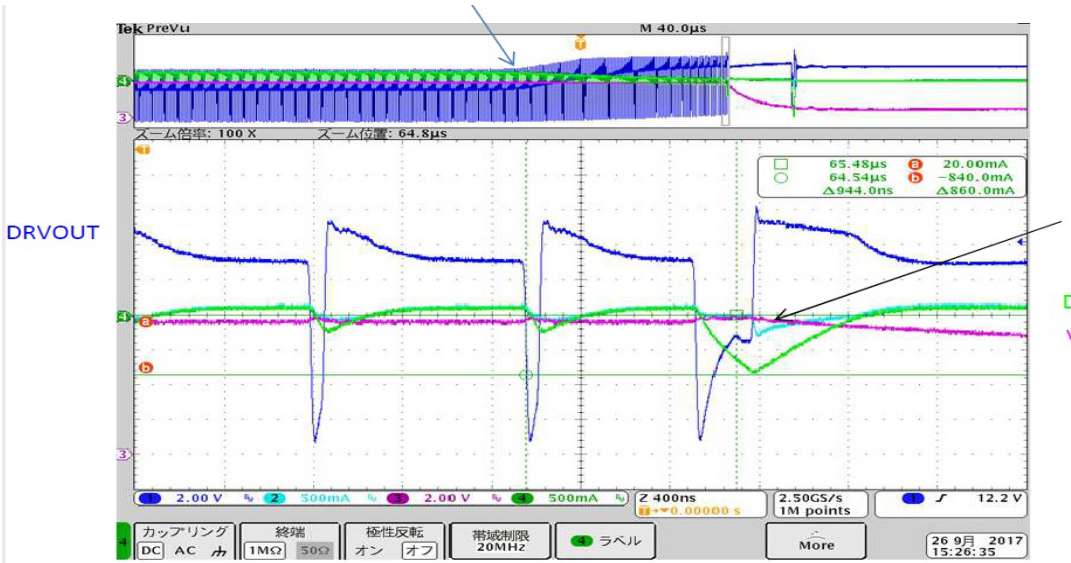
Circuit for operation test of power supply



Question
We configured the power supply using UCC2818A.
We are doing power supply operation test.
UCC2818A stops when we perform the following operation test with the attached circuit.
Why did it stop?
It will not return unless the power is turned on again.
Is there a protection circuit not listed on the data sheet?

Situation
- Environment that works with UCC 2818A alone.
- From RVOUT, flow a 400 mA current using a load device.
- After that, the load device was turned off.
- After that, the UCC2818A stopped its operation after the ON width of DRVOUT changed.
- When stopped, the VREF voltage of UCC2818A is decreasing.
- After that, operation of UCC2818A is restored by turning on the power again.(Latch stop)

Stop the load current of the electronic load device



Vref decreases
ON width change of DRVOUT

DRVOUT : Current
VREF