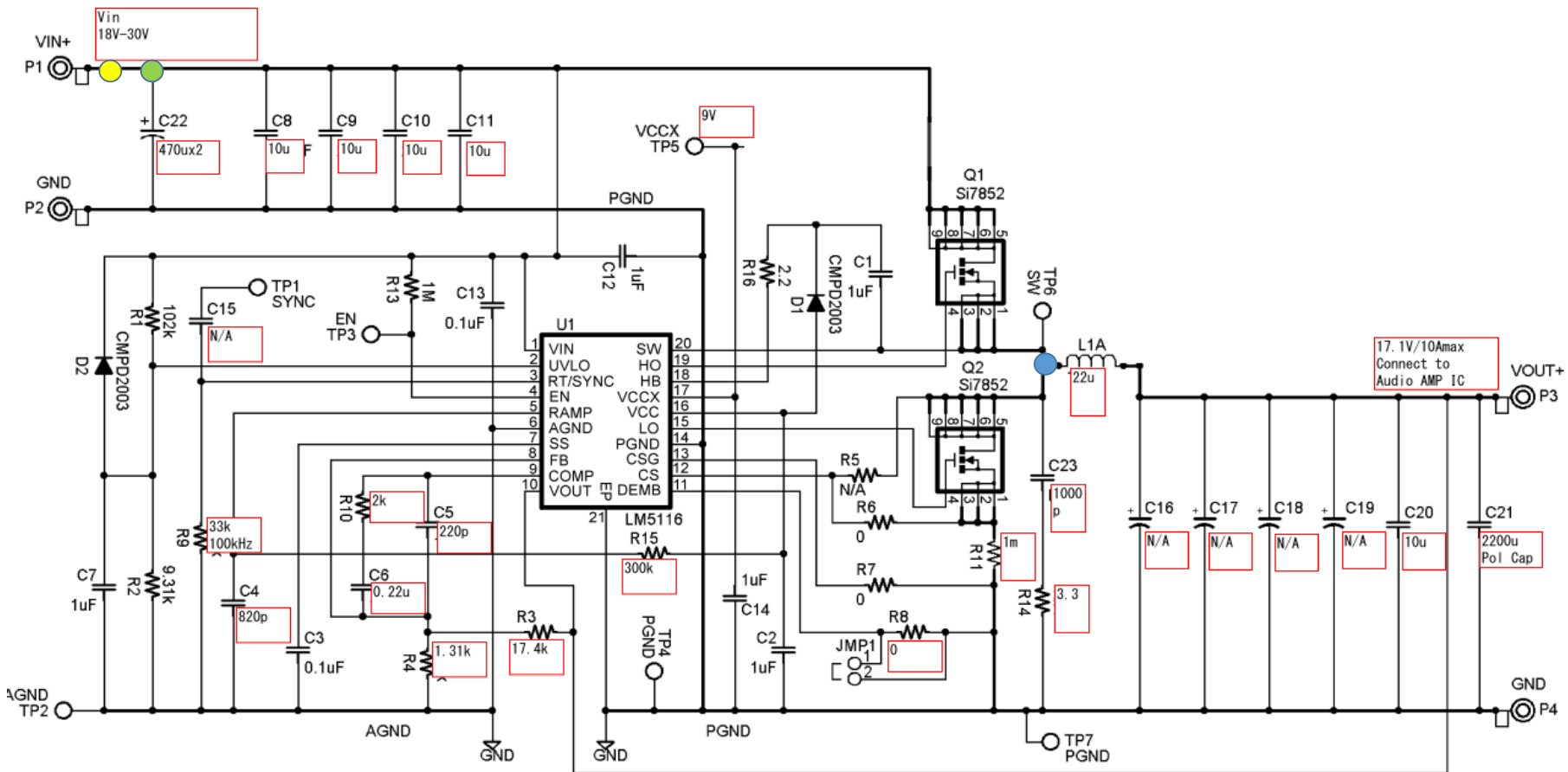


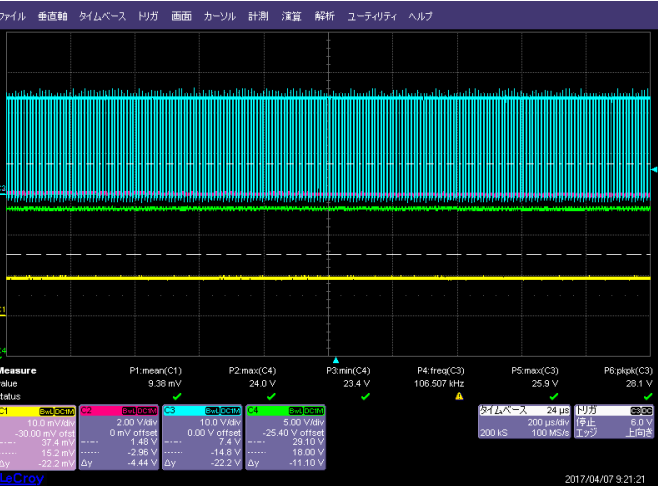
Schematic



Ccomp:0.22uF,Rcomp:2k,Chf:220pF

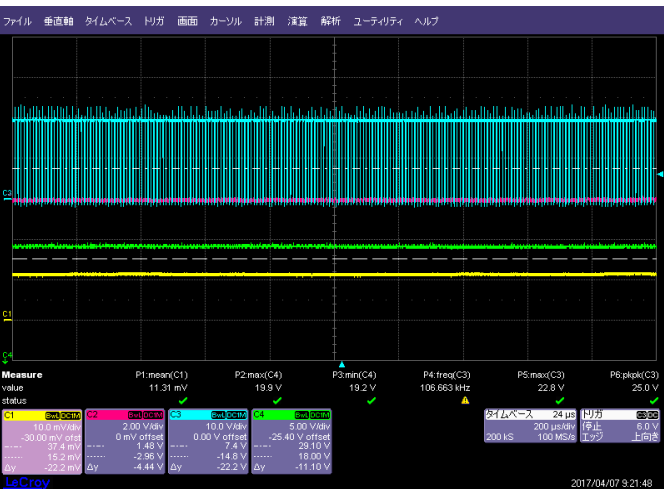
↑ It is the setting I think is the best.

No.1
Vin:24V:Green 5V/div Vout:17.1V 200us/div
Vsw:Blue 10V/div Pout:95W
Iin:Yellow



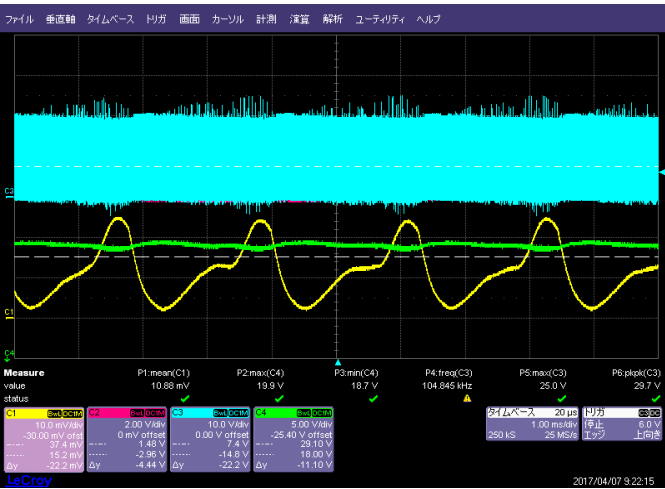
Waveform is stable
29.10303 97.2
93.88074

No.2
Vin:19.8V:Green 5V/div Vout:17.1V 200us/div
Vsw:Blue 10V/div Pout:95W
Iin:Yellow

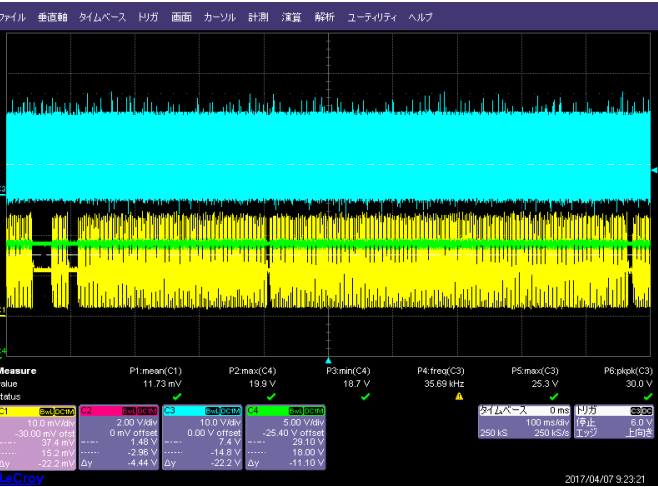


Vin:30V~20V→Waveform is stable.
However, at Vin = 19.8 - 18.5 V, the waveform becomes unstable.

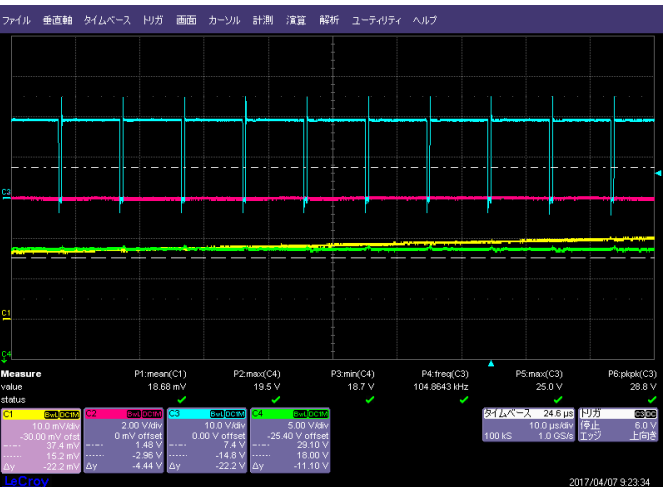
No.3
Vin:19.8V:Green 5V/div Vout:17.1V 200us/div
Vsw:Blue 10V/div Pout:95W
Iin:Yellow



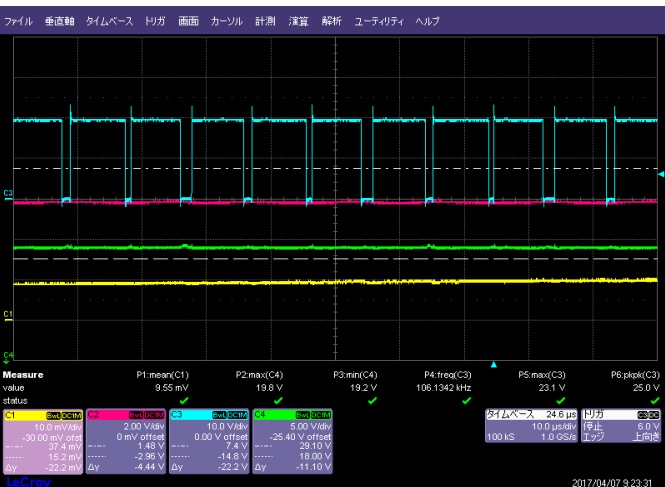
No.4
The time range of the waveform No. 3 was changed.
100ms/div



No.5
The time range of the waveform No. 3 was changed.
10us/div

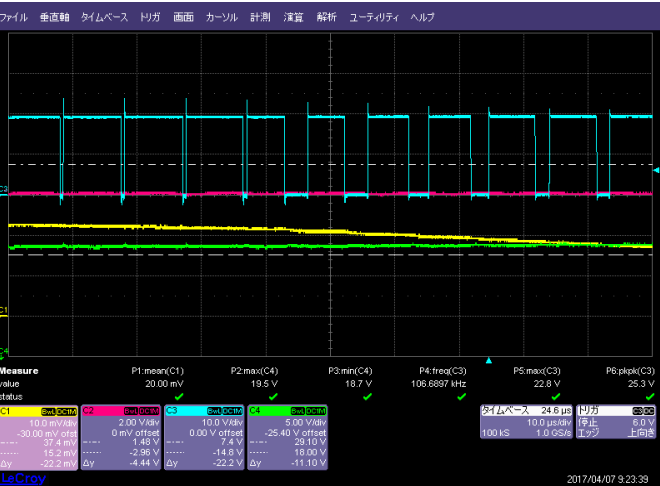


No.6
10us/div



No.7

The time range of the waveform No. 3 was changed.
10us/div



Vin:18.1V:Green 5V/div Vout:17.1V 200us/div
Vsw:Blue 10V/div Pout:95W
Iin:Yellow



Waveform when the output voltage starts to decrease
Vin=18.1V,Vout=17.1V→17.00V