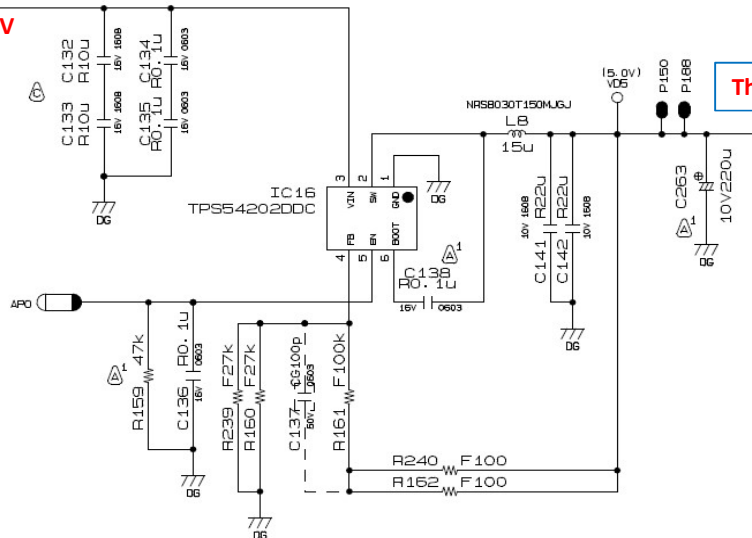


I am using your power supply IC.
The schematic circuit is as follows.

9.5V



There is also a capacitive load in the latter stage circuit

Fig.B

←around 2.664A(PP)

VDS

VDS(VCP-IC16-3)

300.0mA/div 50Ω I_{VP} 250M
1.0V/div I_{VP} 250M

	Value	Mean	Min	Max	St Dev	Count	Info
C1 Pk-Pk*	>2.664A	2.6640001	2.664	2.664	0.0	1.0	

2.0ms/div 50.0MS/s 20.0ns/pt
Stopped Single Seq
1 acqs RL:1.0M
Auto August 24, 2020 17:53:13

What is the allowable inrush current value of this IC? Is it up to a current limit of 4A?

Is it OK to consider that if the output voltage of 5V has risen without any problems, then there is no problem with inrush current?

1 (LSU)		1 A		3.2		3.9		A	
CURRENT LIMIT									
I _{LIM_HS}	High side current limit			2.5	3.2	3.9	A		
I _{LIM_LS}	Low side source current limit			2	3	4	A		
OSCILLATOR									