



COMPANY CONFIDENTIAL

Soft Start Specification

There is a general requirement that outputs to rise in a uniform and monotonic manner and any overshoot to be limited to the specified regulation limits. The maximum time for the output to rise from 10% to 90% of nominal regulation is generally restricted to 20ms. The minimum time varies from customer to customer.





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Feedback circuits

When the +12V output reaches approximately +6V, CZ1 will couple the output rising signal through RD and RZ1 effectively generating the soft finish function which causes the output to rise more slowly.



LPF

UTV817A

CPF

Vo

Test result:

