

Re: Edge response, dynamics, and really ugly time constants

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But to answer your question, I've had the best luck at stabilizing these kinds of transients with an ad-hoc 2-minute session with a R/C substitution box.... Twiddle the knobs for least ringing and read off the settings. Then wire in that 4.7K and 330pf series capacitor, backnote the schematic, and nobody will know you didnt do a full theoretical Laplace and Hamiltinian expansion. Works for me!

I suppose that works if you follow it up with 12 hours of operating parameter sensitivity measurements...