

Re: Battery can't cope with regulator startup?

for the battery. Or? All comments are welcome, as I'm new to this. Thanks in advance, and hope this makes sense :*].

I believe that the problem is the flip-flop, not the regulator output. You need to keep the rail for the flip-flop from drooping, because a small spike in the supply near the crossing point for the logic may be causing the issue. Put a 1k resistor between the 9V and the Vcc for the flip-flop, and add a 10nF cap between Vcc and GND as near the flip-flop as you can.

The reason the supply droops is that you are charging up that 10uF cap. If you put a 10uF cap on the input, it will have lots of ready charge to transfer to the output cap...

Good luck.

Regards,
Bob Monsen

.