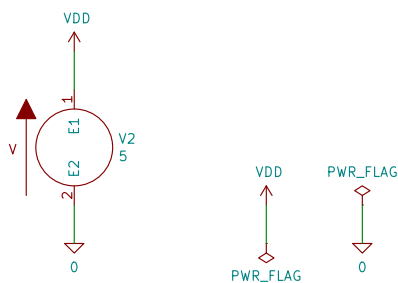


charging time:  
 $-t/RC = \ln(1 - (VSUPPLY / (2 * VSUPPLY - VCONTROL)))$

discharging time:  
 $-t/RC = \ln(1 - (VCONTROL / (VSUPPLY + VCONTROL)))$

upper threshold voltage:  
 $(VSUPPLY - VCONTROL) / (2 + VCONTROL)$

lower threshold voltage:  
 $VCONTROL / 2$



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 File: AE01.10.09.001.sch

**Title: MAX976 PWM generator with analog control.**

Size: A4 Date: 2020-07-28  
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Rev: 1  
 Id: 1/1