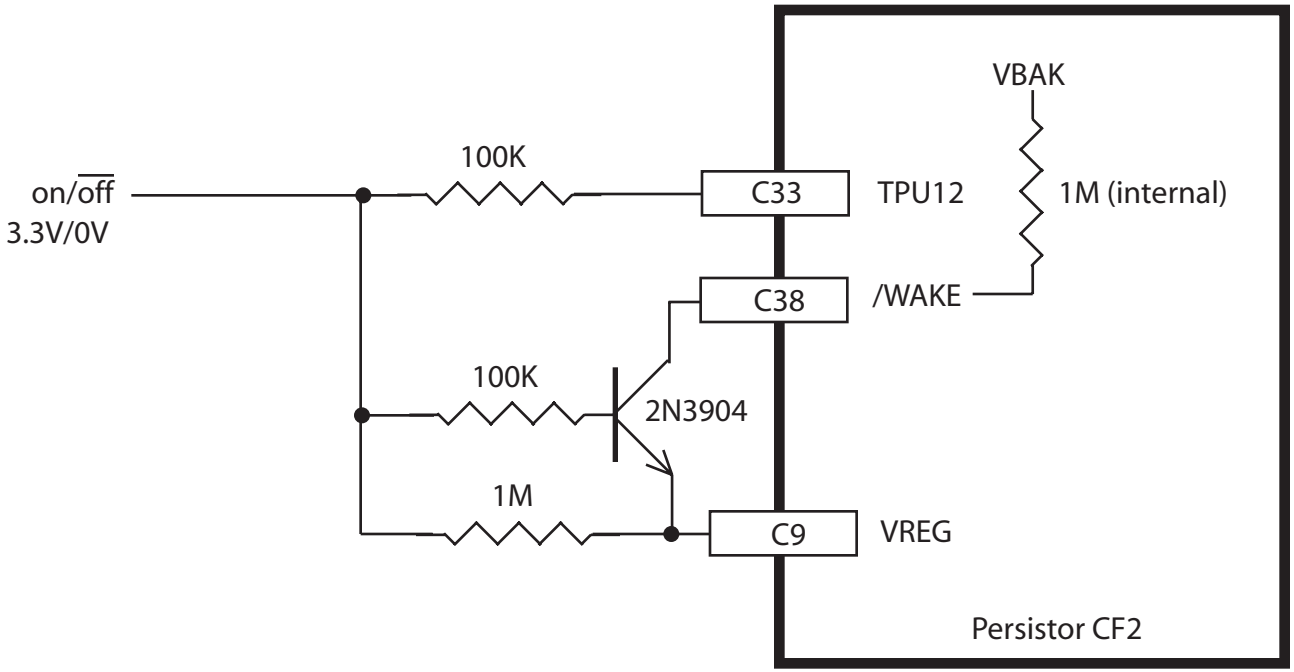
THIS CIRCUIT WILL WAKE THE CF2 FROM SUSPEND WHEN ON AND REQUEST SUSPEND WHEN LOW



When on/off is high, and the CF2 is not in suspend mode, then /WAKE will be high.

When on/off goes low a program monitoring TPU12 can respond by then entering suspend mode in an orderly manner.

When CF2 enters suspend, VREG drops to ground, but internal pull up to VBAK keeps /WAKE high.

When on/off goes high, NPN transistor pulls /WAKE low and wakes the CF2 from suspend.