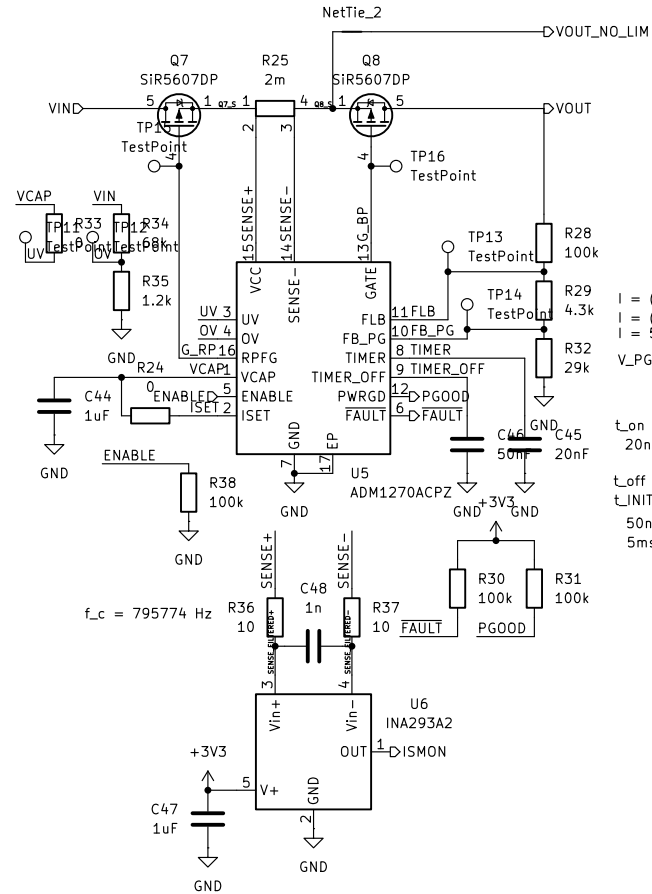


$$\max(I) = (V_{ISET} / 40) / R25$$

$$25 = (2 / 40) / 0.002_{NT5}$$

$$V_{OV} = (R34 + R35) / R35 * 0.99$$

$$57 = (68k + 1.2k) / (1.2k) * 0.99$$



$$I = (VOUT * (R29 + R32) / (R28 + R29 + R32)) / 40 / R25 \{I < \max(I)\}$$

$$I = (VOUT * 3.102) / 40 \{VOUT < 8.06\}$$

$$I = 5 \{VOUT < 0.806\}$$

$$V_{PG} = (R28 + R29 + R32) / R32$$

$$4.60 = 133.3 / 29$$

$$t_{on} = 2V * (C_{TIMER} / 20\mu A)$$

$$20nF = (2ms * 20\mu A) / 2V$$

$$t_{off} = 2 * (C_{TIMER\_OFF} / 1\mu A)$$

$$t_{INITIAL} = 2V * (C_{TIMER\_OFF} / 20\mu A)$$

$$50nF = (100ms * 1\mu A) / 2V$$

$$5ms = 2V * (50nF / 20\mu A)$$

$$f_c = 795774 \text{ Hz}$$

