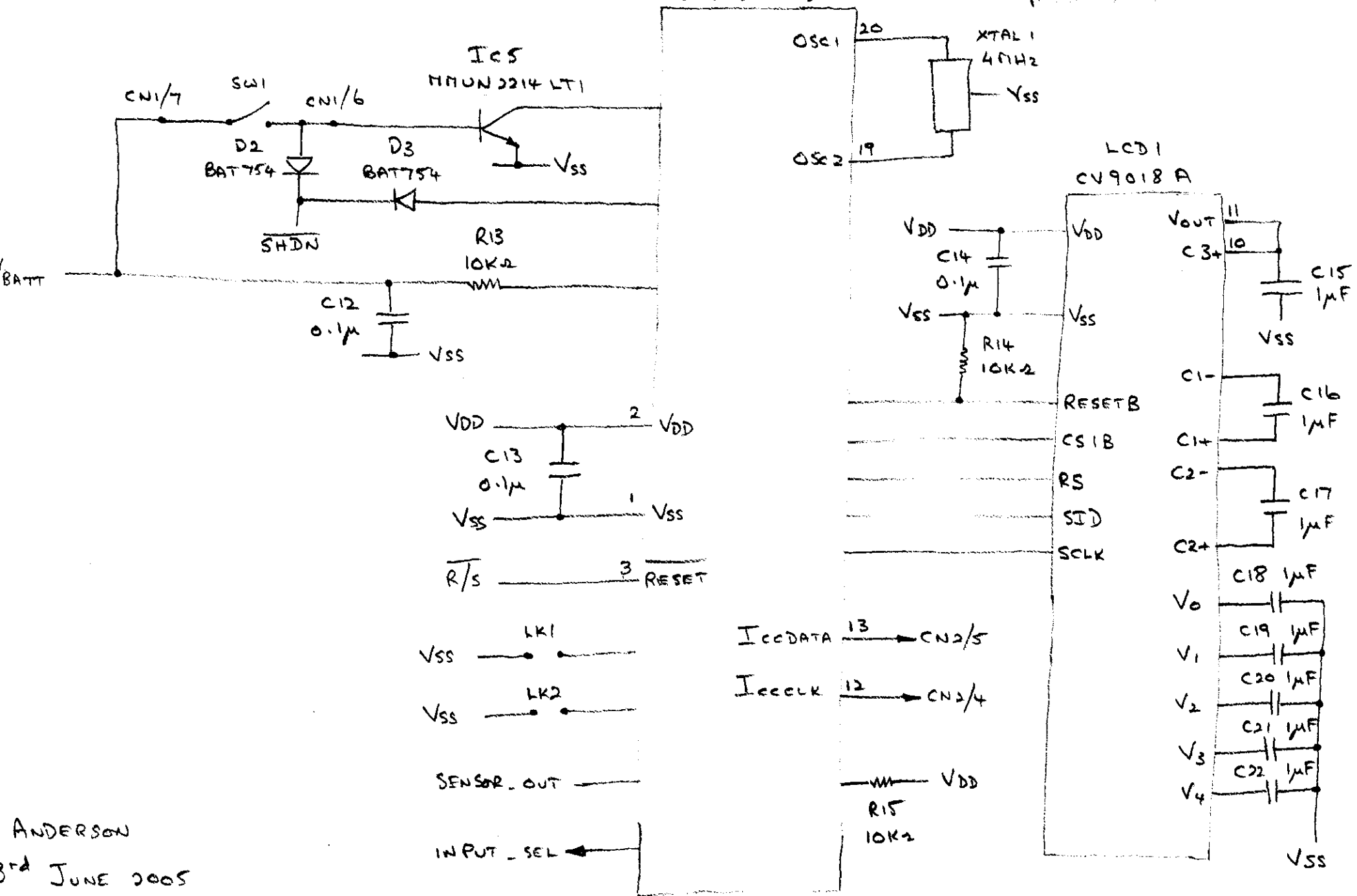


BLU-0x

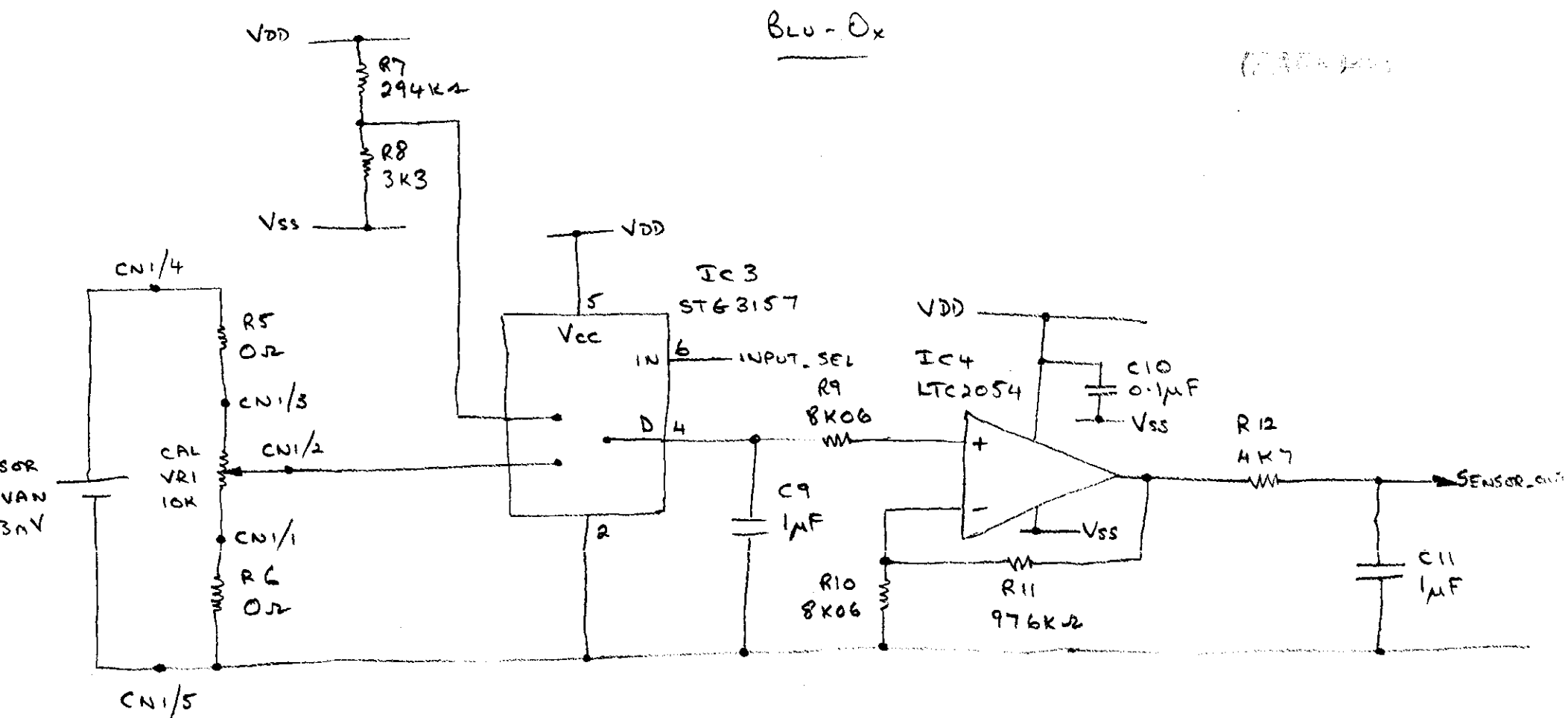
Ic6

ST7 FLITE 15

(1/10/05)



ANDERSON
3rd JUNE 2005



R7/R8

$$I = 10 \mu A.$$

$$V = 3V$$

$$R_{TOT} = \frac{3V}{10 \mu A} = 300 K\Omega.$$

$$R8 = \frac{30 mV}{3V} \times 300 K\Omega = 3 K\Omega \Rightarrow V \approx 33.3 mV.$$

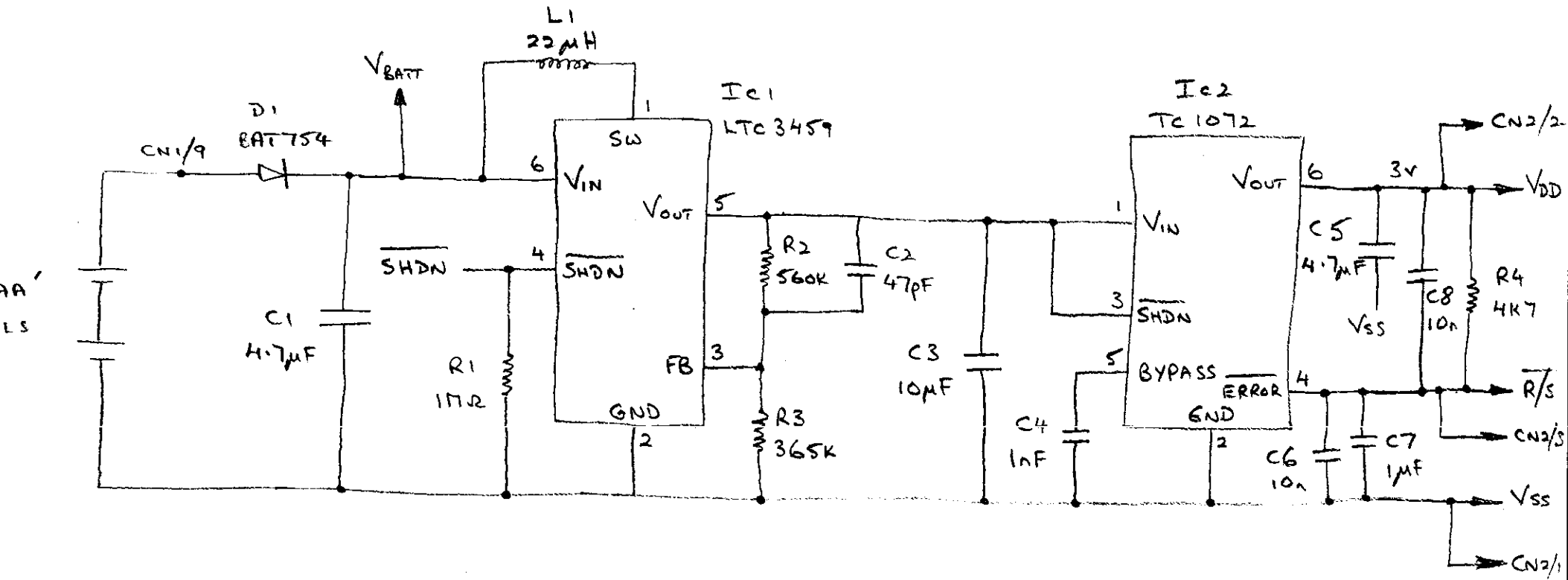
$$R7 = 300 K\Omega - 3 K\Omega \Rightarrow 294 K\Omega \Rightarrow I \approx 10 \mu A.$$

ANDERSON

rd. JUNE 2005

BLU-Dx

0.2.1.1



P. ANDERSON
1ST JUNE 2005