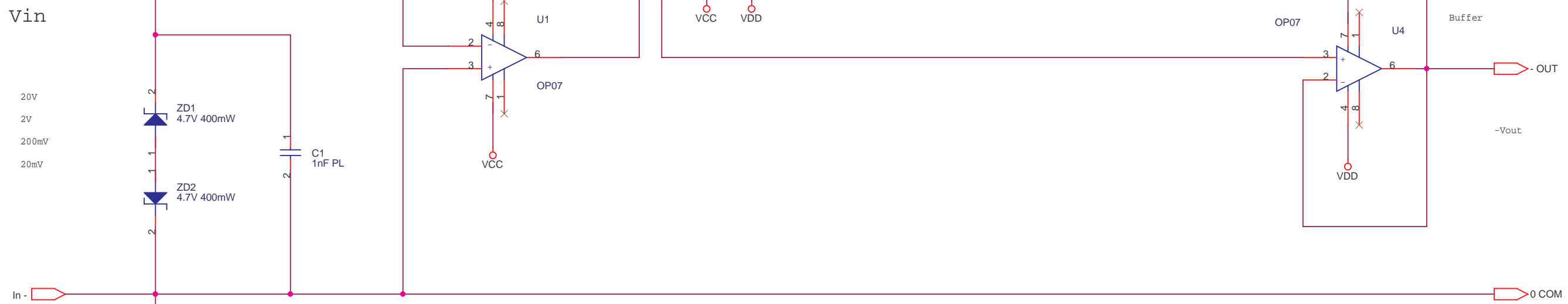


Digital Inputs		Logic 0 is 0V Logic 1 is 5V		Gain Av
X	Y	(2) B	(1) A	
0	0	0	0	1/10
1	0	0	1	1
2	1	0	0	10
3	1	1	1	100



$$V_{out} = (R_f/R_i) * V_{in}$$

$$\text{Gain} = A_v = R_f/R_i$$

PL is Plastic Capacitor  
1nF = 102 = 1KpF = 1000pF

VCC = +5V (7805)      VDD = -5V (7905)  
ALL RESISTORS MFR 1% UNLESS SPECIFIED  
CD is Ceramic Disc 104 = 0.1uF = 100n

ANANTHA NARAYAN		
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