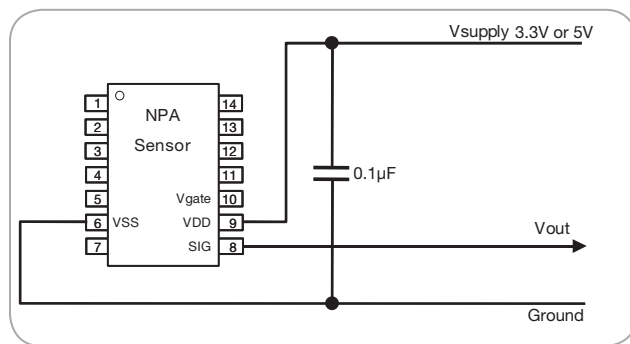


# Output Option: Amplified Analog

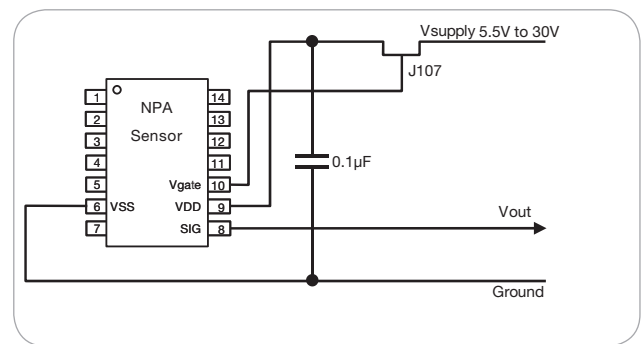
Analog Performance Parameters 5 volt Excitation					
Parameter	Units	2 inH2O		5 inH2O	
		Min	Max	Min	Max
Offset	Volts	0.40	0.60	0.44	0.56
Span	Volts	4		4	

Analog Performance Parameters 3.3 volt Excitation					
Parameter	Units	2 inH2O		5 inH2O	
		Min	Max	Min	Max
Offset	Volts	0.44	0.56	0.46	0.54
Span	Volts	2.5		2.5	

## Typical Analog Circuits - Circuit layout same as “Ratiometric Voltage Output”



Ratiometric Voltage Output - Standard NPA



Ratiometric Voltage Output with Over-Voltage Protection - Request Required

## NPA Amplified Output Pinout

Pin #	Amplified Analog	Function Notes
1	--	
2	--	
3	NC	Do Not Connect
4	NC	Do Not Connect
5	--	
6	VSS	Ground Supply
7	--	
8	SIG	Analog Out, Calibration Interface
9	VDD	Supply Voltage
10	--	
11	NC	Do Not Connect
12	NC	Do Not Connect
13	--	
14	--	

# Output Option: Digital I<sup>2</sup>C

Parameter	Units	Min	Typ	Max	Notes
<b>Digital Performance</b>					
Resolution (ADC)	bit		14		16383 steps
I <sup>2</sup> C Slave Address			0x28		
Sampling Rate	kHz		2		
I <sup>2</sup> C Bit Rate	kbits/s	100		400	
I <sup>2</sup> C Mode			Update		

Digital Performance Parameters 3.3 and 5 volt Excitation					
		2 inH <sub>2</sub> O		5 inH <sub>2</sub> O	
Parameter	Units	Min	Max	Min	Max
Offset	Counts	1311	1966	1442	1835
Span	Counts	13106		13106	