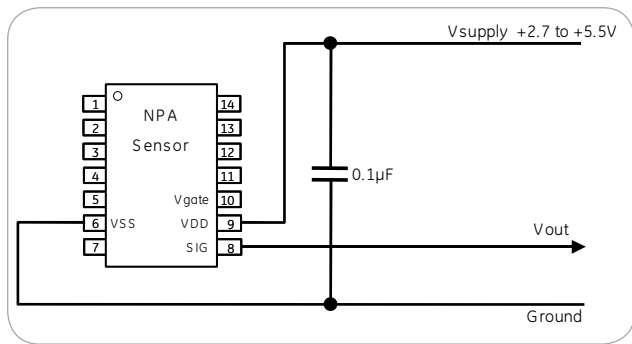


Output Option: Amplified Analog

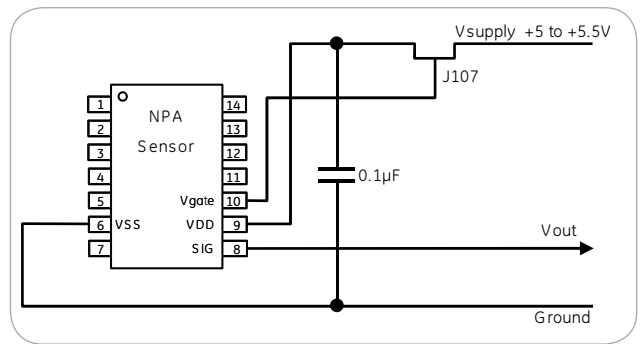
Parameter	Units	Min	Max
Analog Performance Parameters 5 volt Excitation			
Offset	Volts	0.44	0.56
Span (Absolute/Gauge)	Volts		4
Analog Performance Parameters 3.3 volt Excitation			
Offset	Volts	0.46	0.54
Span (Absolute/Gauge)	Volts		2.5

Typical Analog Circuits

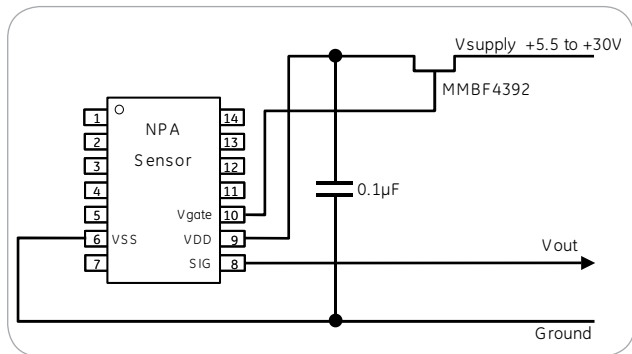
Circuit layout same as “Ratiometric Voltage Output”



Ratiometric Voltage Output - Standard NPA



Ratiometric Voltage Output with Over-Voltage Protection - Request Required



Absolute Voltage Output - Request Required

NPA Pinout

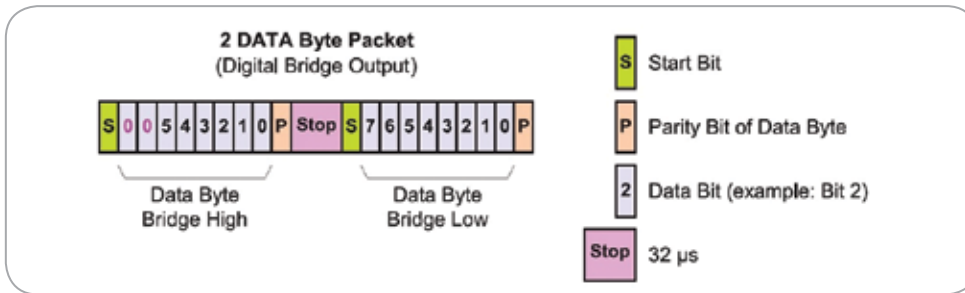
Pin #	Amplified Analog	Function Notes
1	--	
2	--	
3	NC	Do Not Connect
4	NC	Do Not Connect
5	--	
6	VSS	Ground Supply
7	--	
8	SIG	Analog Out, Calibration Interface
9	VDD	Supply Voltage
10	--	
11	NC	Do Not Connect
12	NC	Do Not Connect
13	--	
14	--	

Output Option: Digital Serial (14 bit)

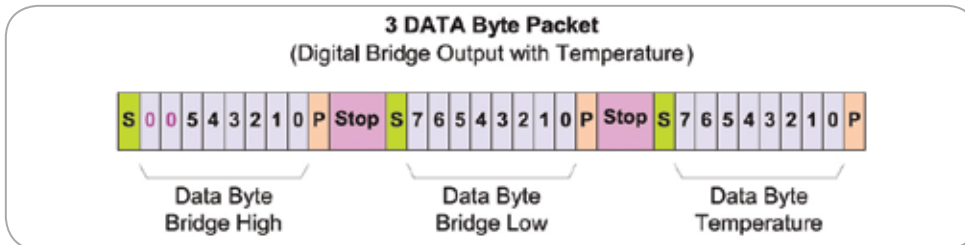
Parameter	Units	Min	Typ	Max	Notes
Digital Performance					
Resolution	ADC		14bit		16383 steps
Sampling Rate	kHz		1		

Digital Output Options

Streaming serial output is a 14 bit number proportional to the full scale.



Zacwire—Digital Output (NOM) Bridge Readings



Zacwire—Digital Output (NOM) Bridge Readings with Temperature Option

NPA Pinout

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