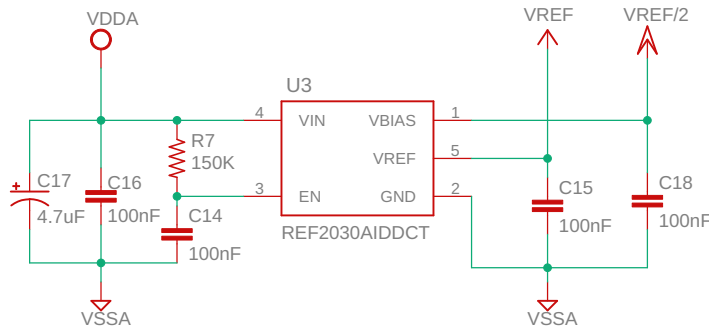
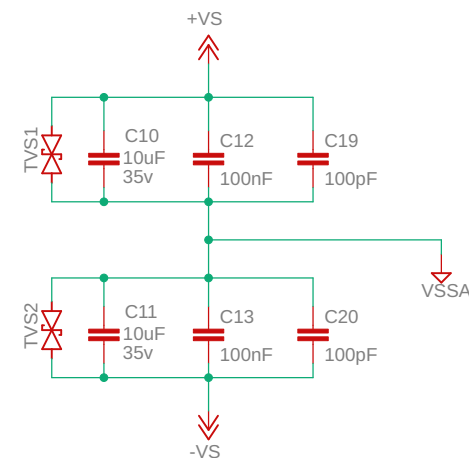


VS\_MAX = ±15 Volt

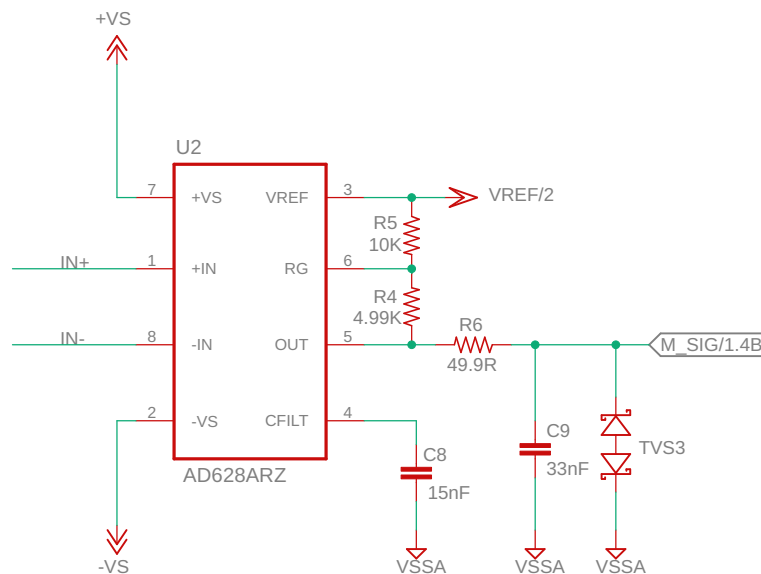
## Power & Analog Input



## VREF GENERATOR




## U2 Coupling



Vin\_Max = ±10 Volt  
@ Vs\_Min = ±5 Volt

$V_o = \text{Gain} * V_{in} + V_{REF}/2$   
 $\text{Gain} = (0.1) * (1 + R_4/R_5)$

## Precision Difference Amplifier

Module H12R00	Title H12R00_Frontend	 www.hexabitz.com
Description Industrial Analog I/P ±10 V	Revision 0 Size Letter	
Author Ibrahim Zaeiter	Sheet 2 of 2	