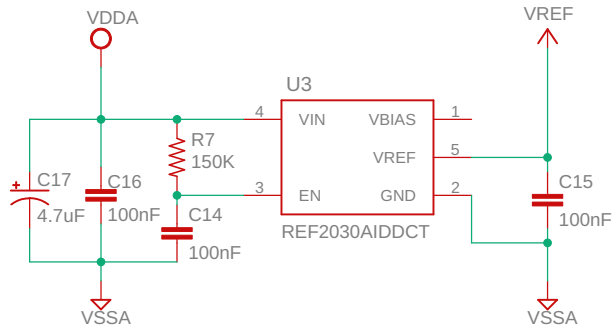
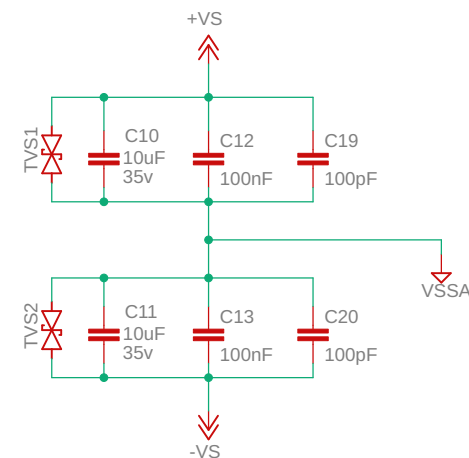


VS\_MAX = ±15 Volt



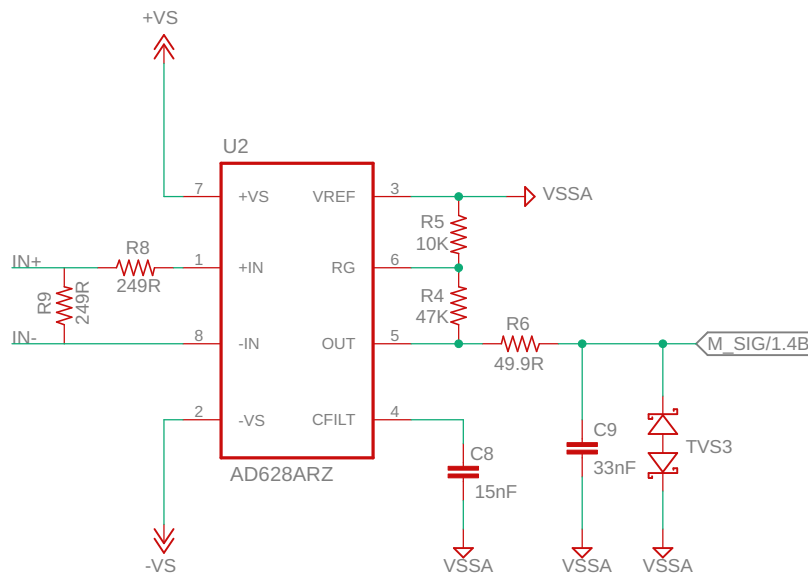
VREF = 3 Volt



## Power & Analog Input

## VREF GENERATOR


## U2 Coupling



Iin\_Max = 20 mA  
@ Vs\_Min = ±5 Volt

$V_o = \text{Gain} \times I_{in} \times R_9$   
 $\text{Gain} = (0.1) \times (1 + R_4/R_5)$

## Precision Difference Amplifier

Module H12R10	Title H12R10_Frontend	 www.hexabitz.com
Description Industrial Analog I/P (0-20) mA	Revision 0 Size Letter	
Author Ibrahim Zaeiter	Sheet 2 of 2	