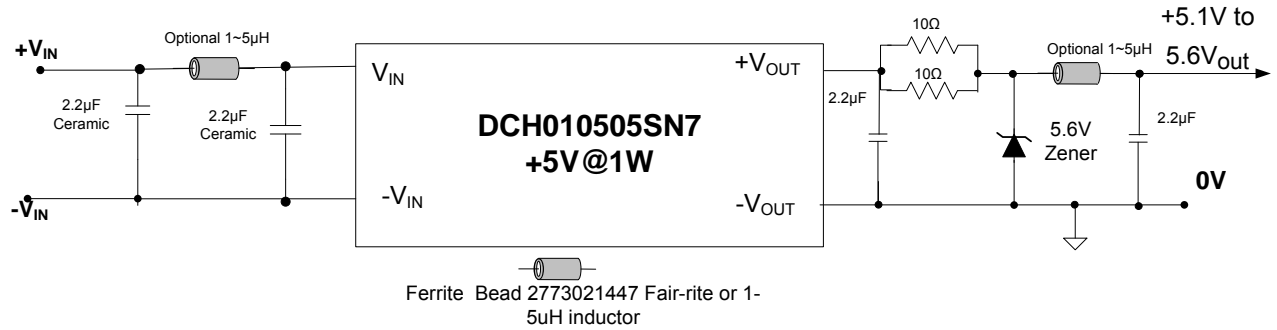


### DCH0x10505 5.6V Output Clamp



Voltage Clamp for maximum voltage excursion no affect on minimum Vout with IR losses at series resistors

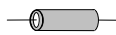
1. One possible voltage alternative method is to zener clamp limit the output bus with 5.6V zener 1W,.

A. Add 5.6V zener across Vout

2. Resistor parallel group (2) resistors 10Ω each 1/8W

Ferrite bead  
2773021447(T/H)  
Or 2773019447  
(SMT) from Fair-  
Rite  
or 1-5uH inductor

Open Normal Output  
No Output Low to primary  
Ground



Ceramic Capacitors  
only Output and input  
filters 1-2.2 µF  
X5R or X7R only



Note:

Input Inductor recommended for attenuation input noise  
Output inductors and ceramic capacitors for Analog low  
noise attenuation 10-15db

5/15/2014  
Tom Guerin  
tguerin@ti.com