



(Accounting for TSAL)
Ampln = HV * 0.075
4.125V = 55V * 0.075
4.5V = 60V * 0.075

- V-ref = 5V*0.47 = 2.35V
- AmpOut(60V) = 2.4V > V-ref = 2.35V
- iso-GND is to avoid Ground loops

Amp Output:
AmpOut = Ampln*0.4/2 + 1.5V
2.4 = 4.5*0.2 + 1.5
2.325 = 4.125*0.2 + 1.5

Title		
HV-LV Board		
Size	Number	Revision
B		
Date:	9/20/2024	Sheet of
File:	HV-LV_Board_V2.SchDoc	Drawn By: