

2

1

Heater Current Limit  
56mA, 30V, 1.6W

Option1: LM399 U9, U12, RN1, Q1...  
Option2: Same as 1 but RN1, not RN2  
Option3: ADR435B

VREF: 5.243 Nom.

Option:  
Install U5 (dual) or U10 and U11

Select R4 value by LM399 voltage  
See Spreadsheet

10.0V = 250,000 counts

Title: 18b DAC, LM399

Size	Erickson Engineering	Rev 2
Date: 6/22/2021	Drawn by: D. Erickson	
Filename 18bDAC.dch	Sheet	

2

1