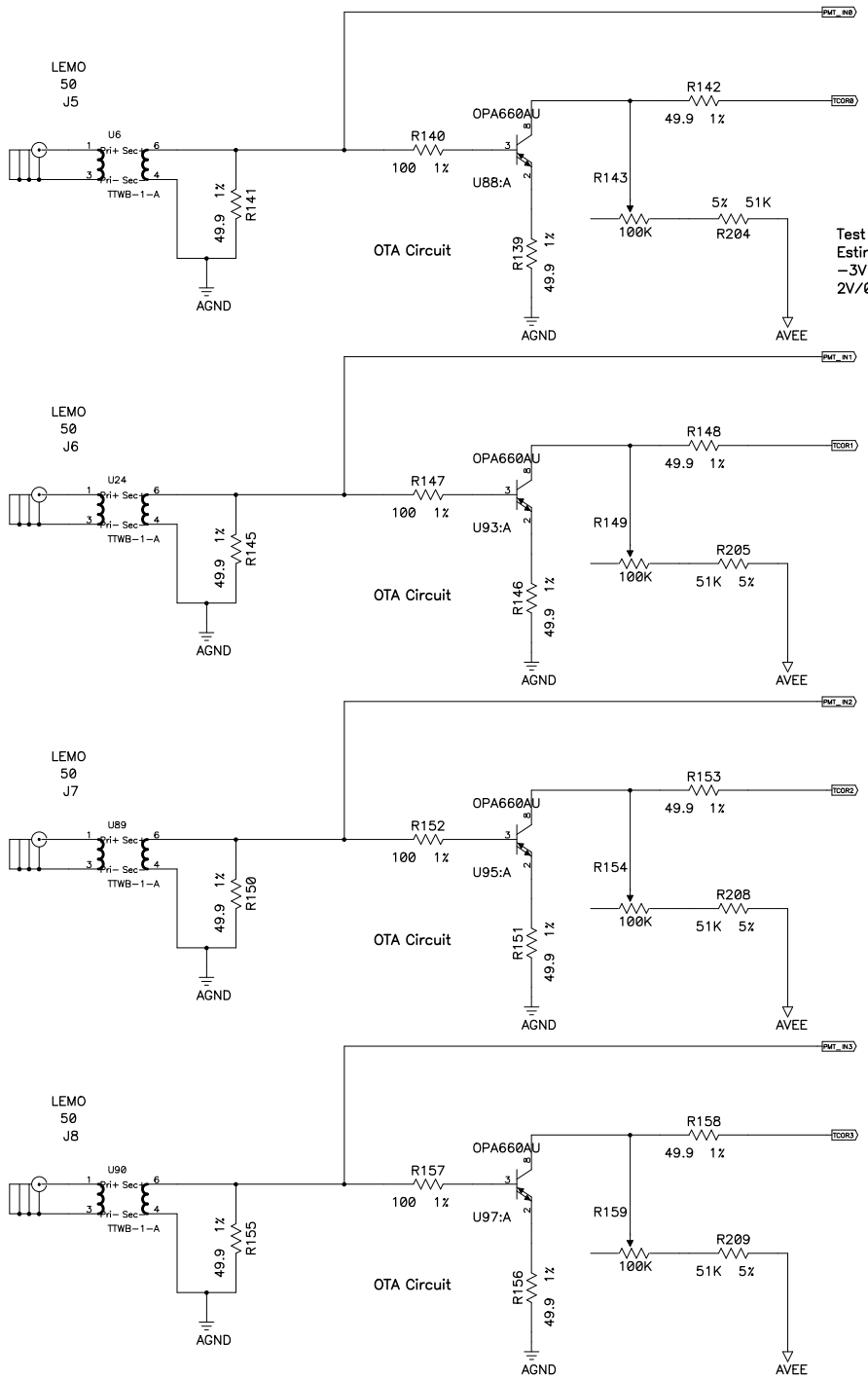
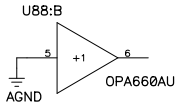
Revision	Description	Date

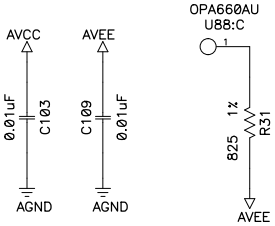


Test results: Vin = 0, Ic = 0.02 mA flow out.
Estimated output resistance between 25K and 25K*(1+Gm*Re) = 184K
−3V / 25K = 0.12mA, −3V/184K = 0.016mA
2V/0.02mA = 100K

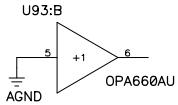
Grounding Unused Voltage Buffer



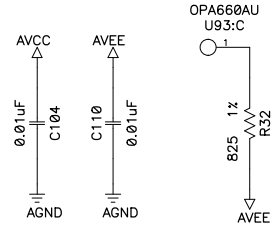
OPA660 Bypassing and Quiescent Current Adjust



Grounding Unused Voltage Buffer

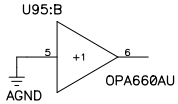


OPA660 Bypassing and Quiescent Current Adjust

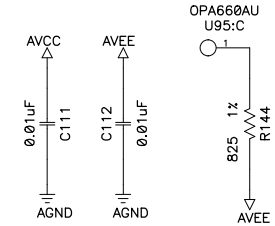


2.2uF are shared by two OPAs
Suggestions on app. is 2.2uF,10nF,470pF for each OPA

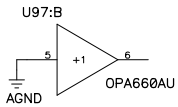
Grounding Unused Voltage Buffer



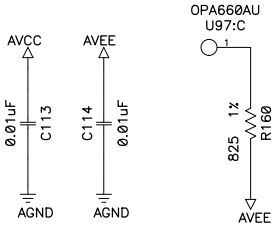
OPA660 Bypassing and Quiescent Current Adjust



Grounding Unused Voltage Buffer



OPA660 Bypassing and Quiescent Current Adjust



Title	L0 TDC	LEMO_OPA (CH: 0123)	
Size C	Drawn by C. Miao		Revision 4
	Checked by Not Checked		
Date 5-18-00		Brown University	
Filename L0TDC_1.SCH		Sheet 1 of 21	
Notes			