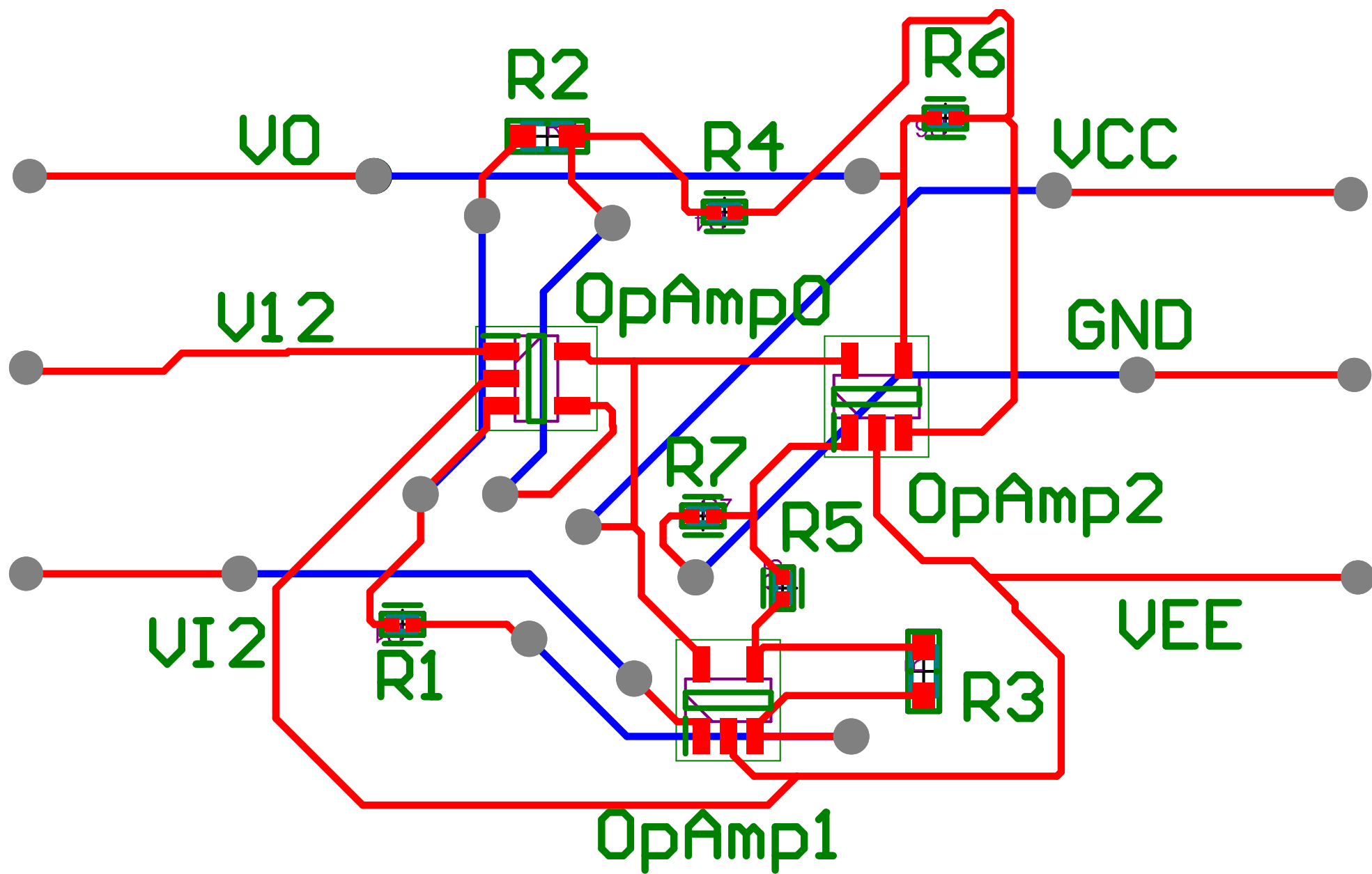
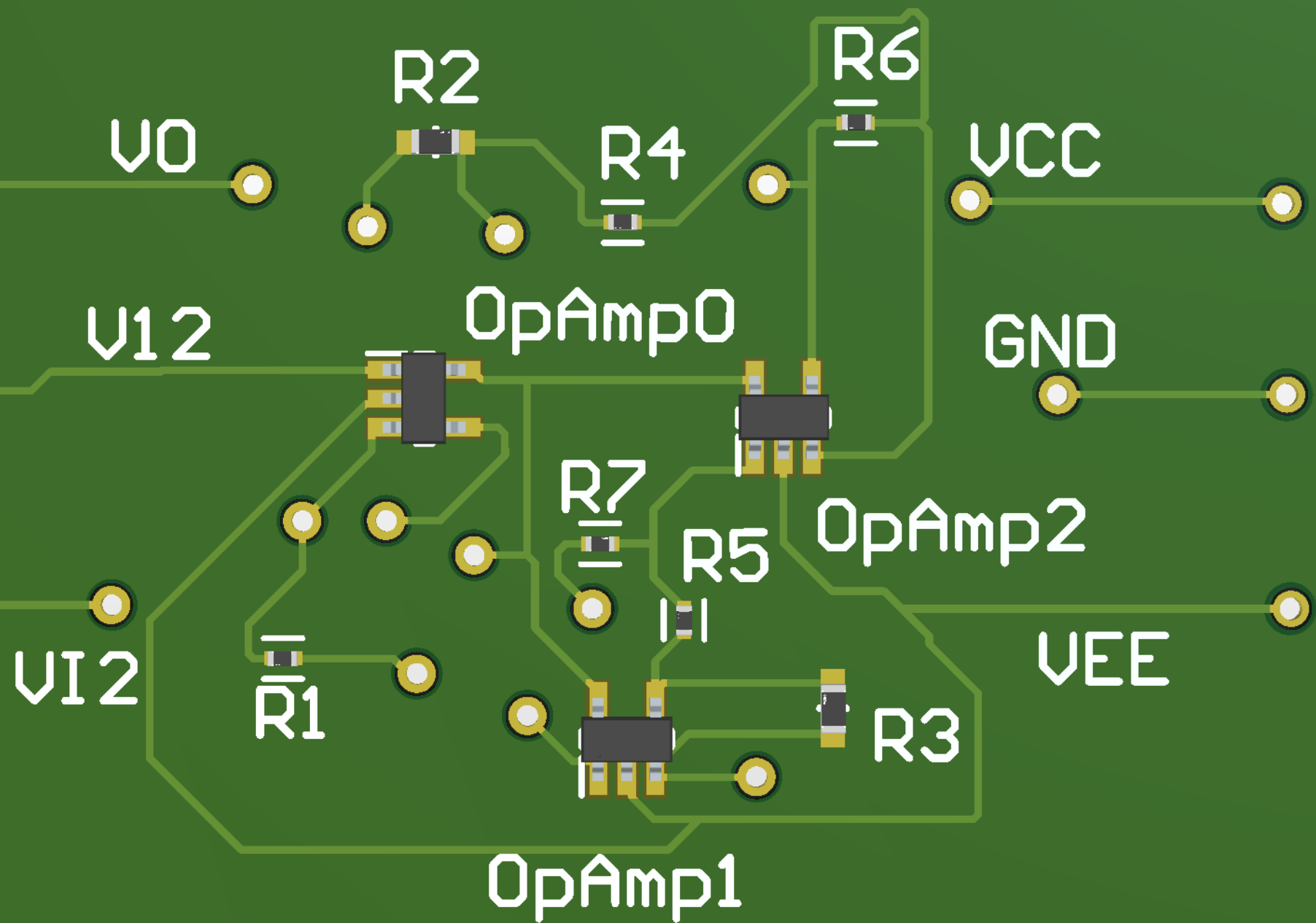













Title		
Electronics PCB Extra Credit		
Size	Number	Revision
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Date:	11/22/2025	Sheet of
File:	C:\Users\...Electronics_Instrumentation.SchDoc	Drawn By: Ezra Manansala



Board Stack Report



Board Stack Report

Stack Up		Layer Stack			
Layer	Board Layer Stack	Name	Material	Thickness	Constant
1		Top Overlay		0mil	
2		Top Solder	Solder Resist	0.4mil	3.5
3		Top Electric		1.4mil	
4		Dielectric 2	PP-006	2.8mil	4.1
5		MidTop Electric	CF-004	1.378mil	
6		Dielectric 1	FR-4	12.6mil	4.8
7		MidBot Electric	CF-004	1.378mil	
8		Dielectric 3	PP-006	2.8mil	4.1
9		Bottom Electric		1.4mil	
10		Bottom Solder	Solder Resist	0.4mil	3.5
11		Bottom Overlay		0mil	
	Height : 24.556mil				

Line #	Name	Description	Designator	Revision ID	Revision State	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	LM321SN3T1G	Integrated Circuit	OpAmp0, OpAmp1, OpAmp2		Not managed		3							
	RC0402JR-0710KL	RES10K OHM 5% 1/16W 0402	R1, R4, R5, R6, R7	OMP-2002- 07915-3	Released	Up to date	5	Yageo Group	RC0402JR-0710KL	Volume Production	DigiKey	311-10KJDKR-ND	0.006	0.06
	RC0603FR-0747KL	RESSMD 47K OHM 1% 1/10W 0603	R2, R3	OMP-1659- 00055-2	Released	Up to date	2	Yageo Group	RC0603FR-0747KL	Volume Production	DigiKey	311-47.0K-HRCT-ND	0.006	0.06