



A

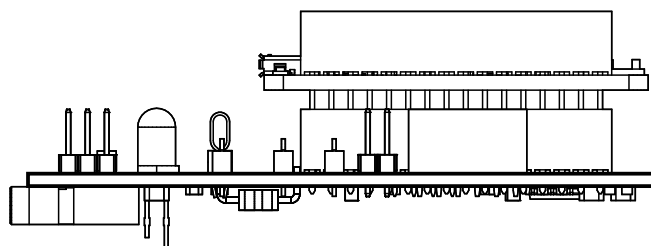
B

C

D

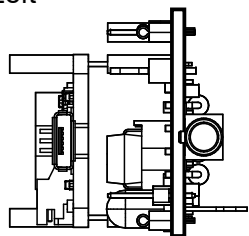
1

Back



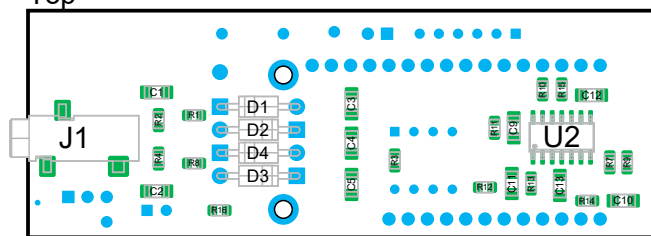
1

Left

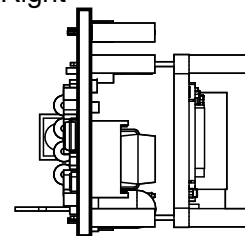


2

Top

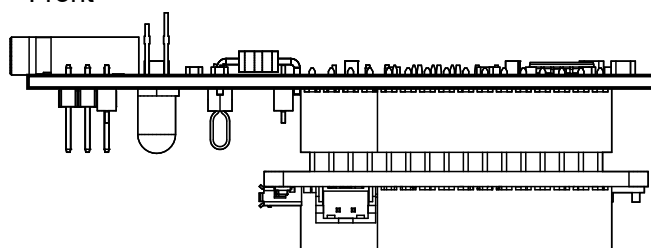


Right



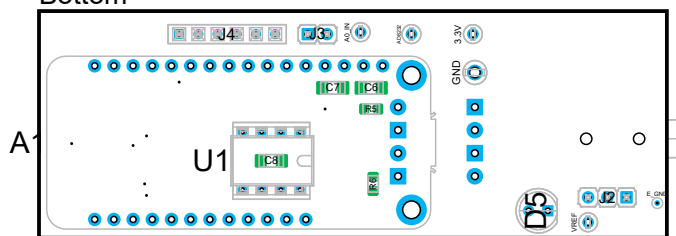
3

Front



3

Bottom



4

Scale: 1:1

A

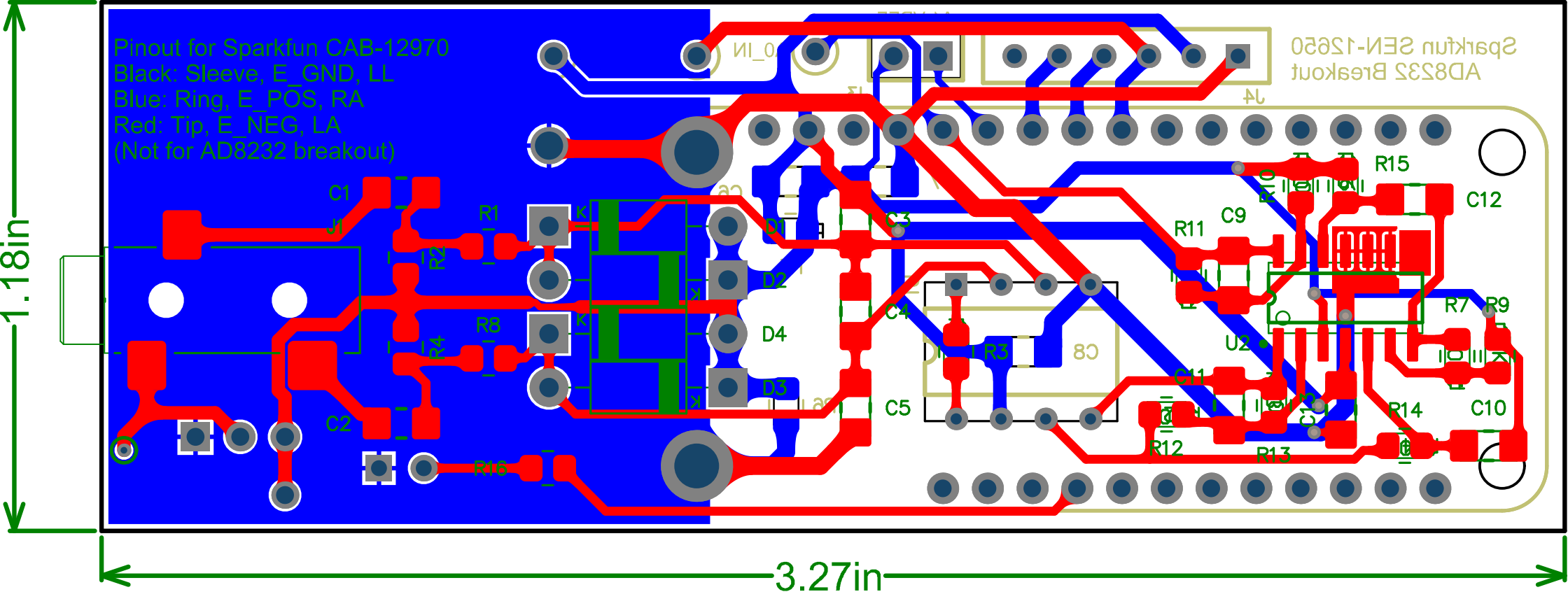
B

C

D

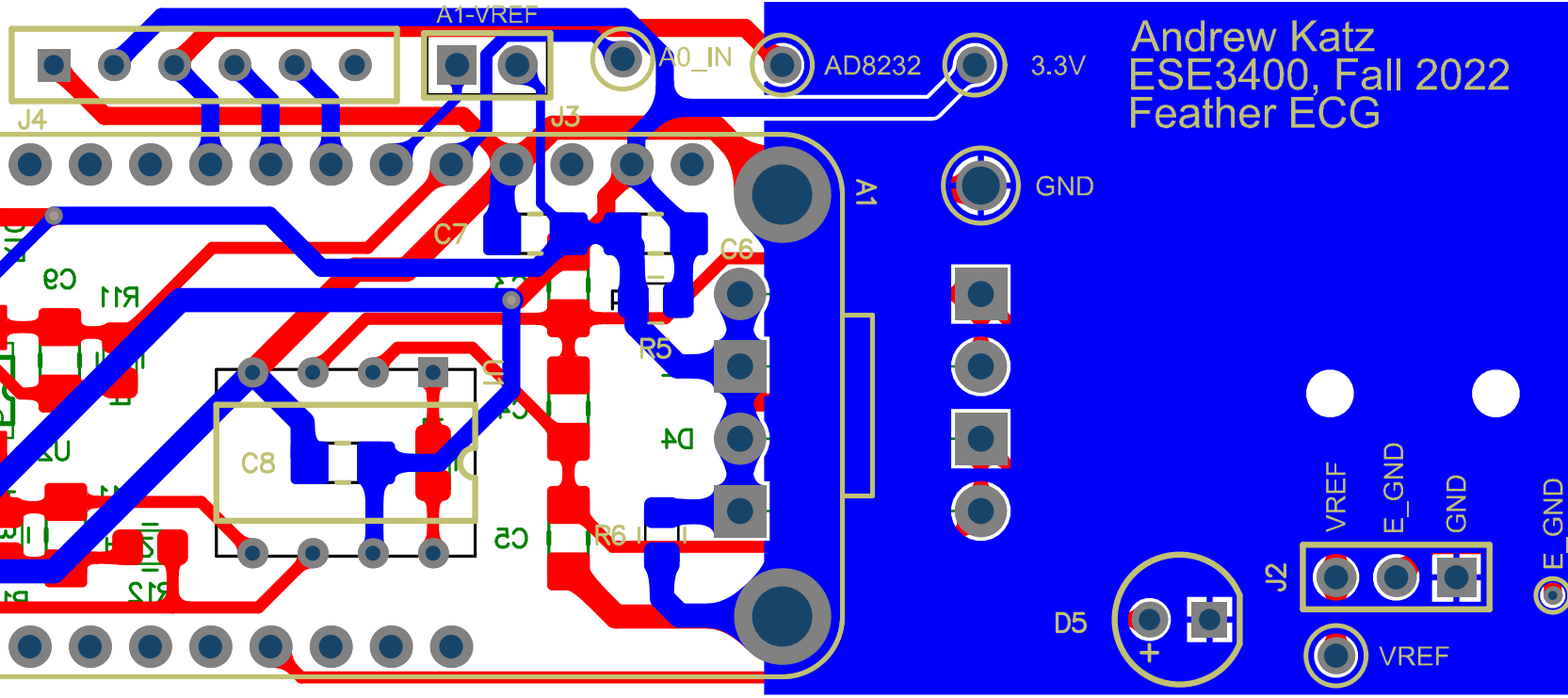
Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
Silkscreen (DLP)	Top Overlay		PSR-4100WL (HD)	Legend	GTO
Surface Material (SMOBC)	Top Solder	1.000mil	PSR-4000BN	Solder Mask	GTS
Nickel, Gold	Top Surface Finish	0.158mil		Surface Finish	
Copper	Top Layer	1.400mil		Signal	GTL
Core		60.000mil	Kingboard KB6167F	Dielectric	
Copper	Bottom Layer	1.400mil		Signal	GBL
Nickel, Gold	Bottom Surface Finish	0.158mil		Surface Finish	
Surface Material (SMOBC)	Bottom Solder	1.000mil	PSR-4000BN	Solder Mask	GBS
Silkscreen (DLP)	Bottom Overlay		PSR-4100WL (HD)	Legend	GBO
Total thickness: 65.116mil					

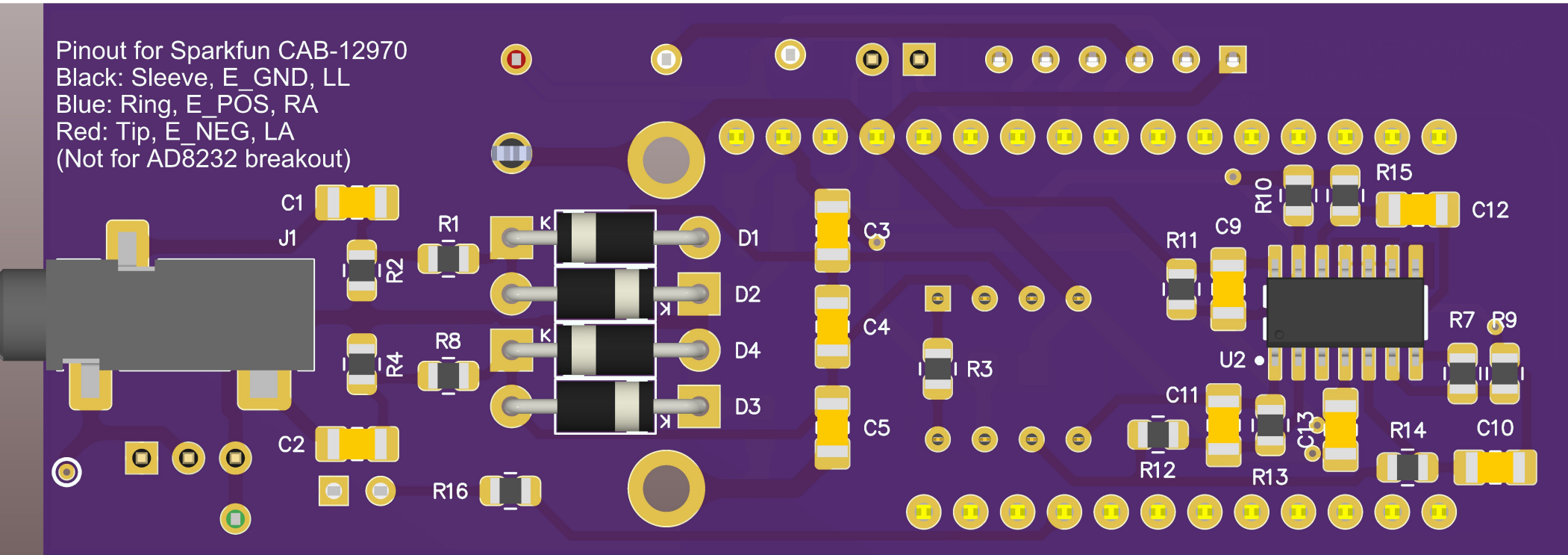


Sparkfun SEN-12650  
AD8232 Breakout

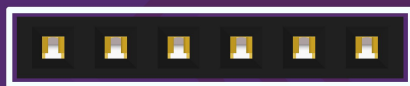
Andrew Katz  
ESE3400, Fall 2022  
Feather ECG



Pinout for Sparkfun CAB-12970  
Black: Sleeve, E\_GND, LL  
Blue: Ring, E\_POS, RA  
Red: Tip, E\_NEG, LA  
(Not for AD8232 breakout)



Sparkfun SEN-12650  
AD8232 Breakout



J4

A1-VREF



J3



D5



J2



VREF

E\_GND

GND



Andrew Katz  
ESE3400, Fall 2022  
Feather ECG