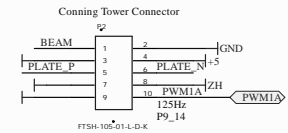
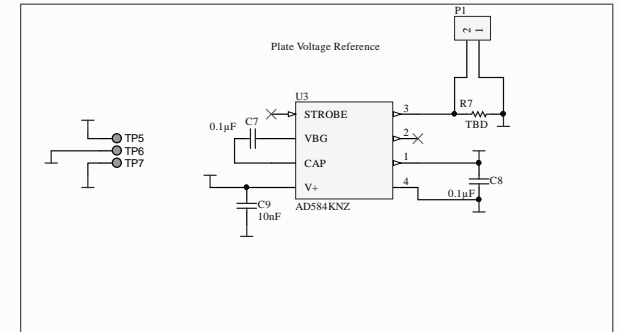
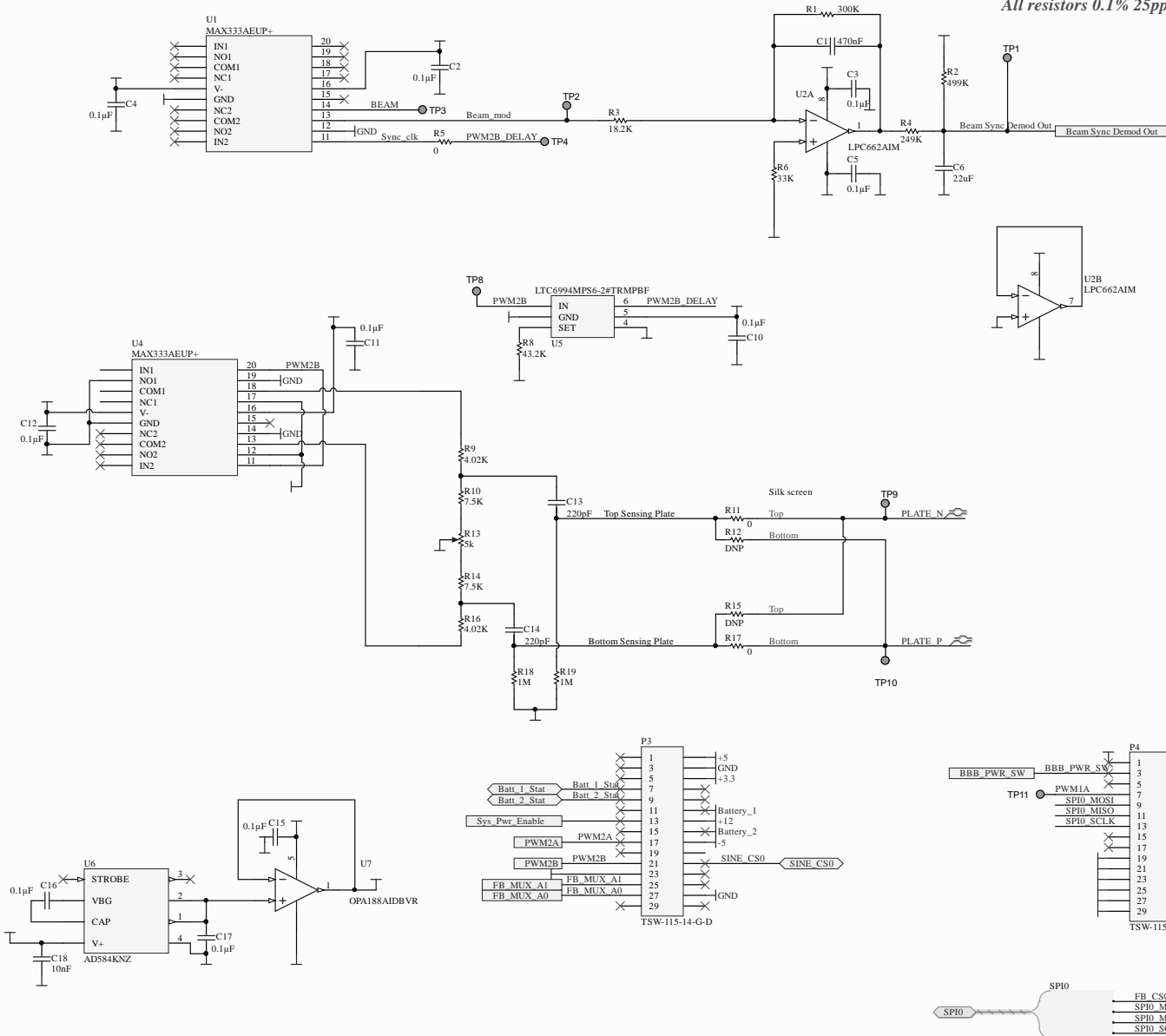


SYNCH DEMOD

All resistors 0.1% 25ppm

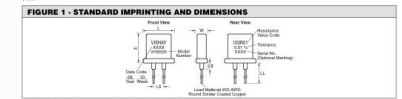


Remove 511K resistor and take beam measurements at TP3 before finalizing ckt. May want to add offset and gain to op-amp at ADC.

Resistor size information for R15

TABLE 1 - MODEL SELECTION									
MODEL NUMBER	RESISTANCE RANGE	STANDARD RESISTANCE TOLERANCE (%)	MAXIMUM WORKING VOLTAGE	MAXIMUM POWER RATING	AVERAGE WEIGHT	DIMENSIONS			
						INCHES		MILL	
VHS0047	10 to 100K	±0.05	±0.05	±0.05	0.001	0.001	0.001	0.001	0.001
VHS0052	10 to 100K	±0.05	±0.05	±0.05	0.001	0.001	0.001	0.001	0.001
VHS0057	10 to 100K	±0.05	±0.05	±0.05	0.001	0.001	0.001	0.001	0.001

Notes:
1. Available from 1 to 100 KΩ only.
2. Maximum working voltage is 0.05 V at 125 °C.
3. Maximum power rating is 0.001 W at 125 °C and 0.001 W at 125 °C.
4. Maximum power rating is 0.001 W at 125 °C and 0.001 W at 125 °C.



CHANGE TO .1% 0402 RESISTORS

