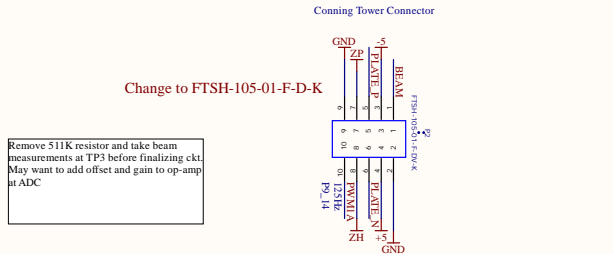
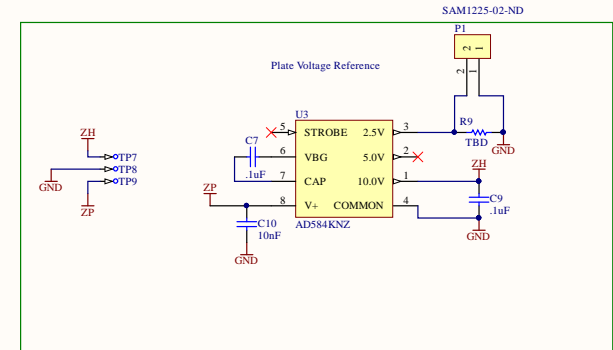
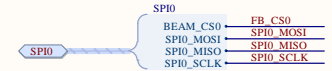
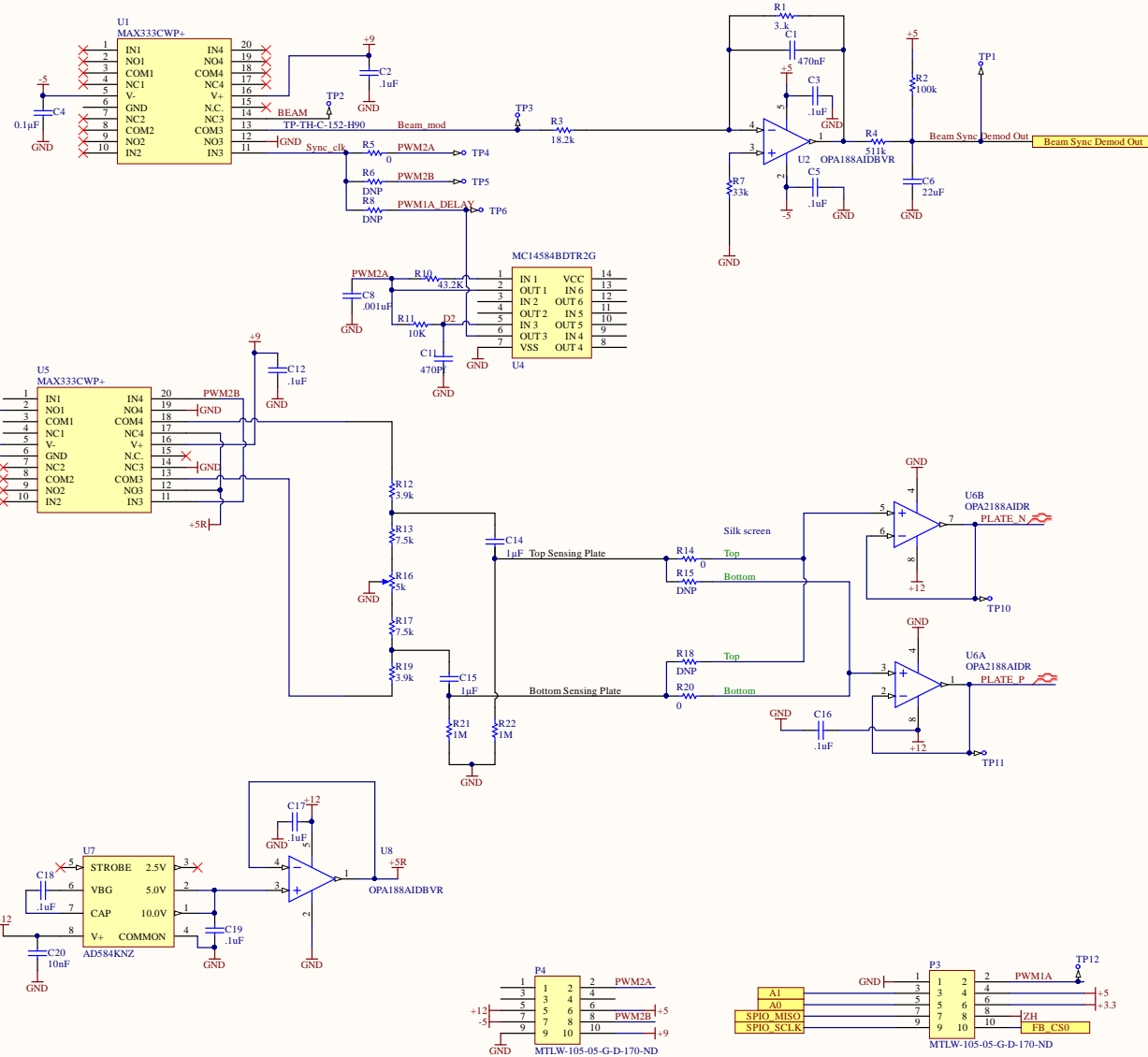


SYNCH DEMOD



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

Change to FTSH-105-01-F-D-K

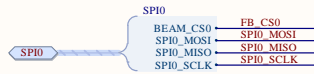
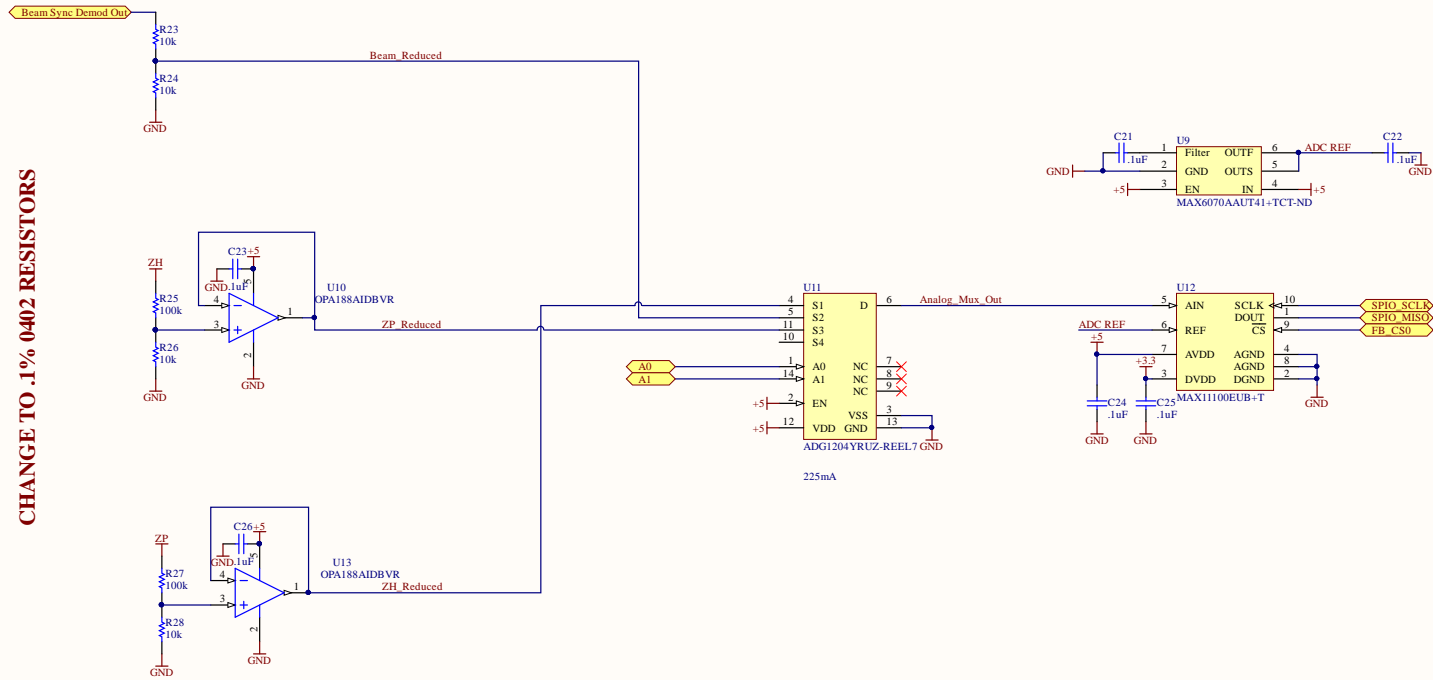
Resistor size information for R15

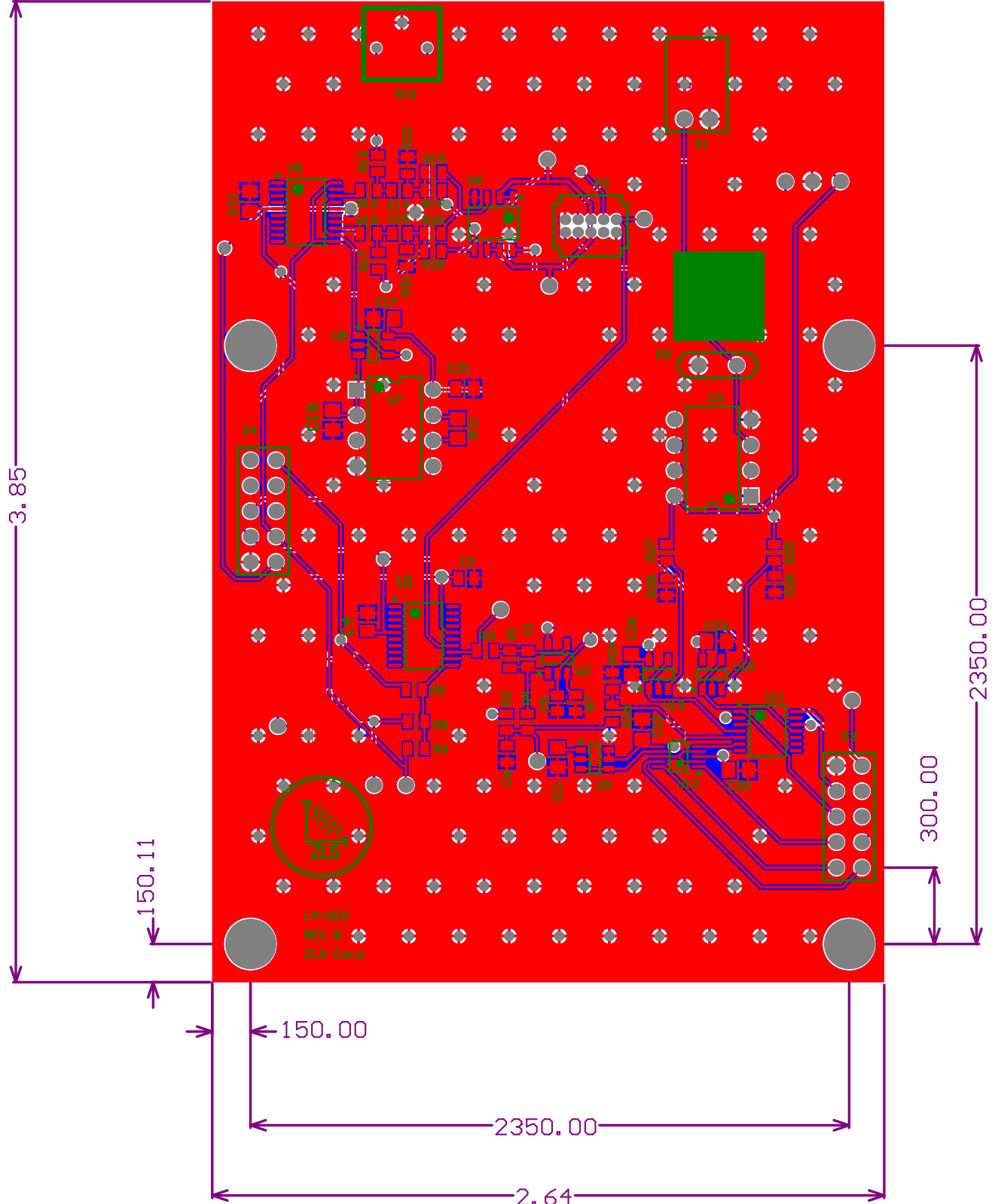
TABLE 1 - MODEL SELECTION		STANDARD TOLERANCE		MAXIMUM WORKING VOLTAGE		POWER RATING ¹		DIMENSIONS	
RESISTANCE RANGE	TOLERANCE	MAXIMUM WORKING VOLTAGE	POWER RATING ¹	INCHES	MILL	INCHES	MILL	INCHES	MILL
100 Ω to 100k	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum
100k to 1M	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum
1M to 10M	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum
10M to 100k	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum
100k to 1M	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum
1M to 10M	±0.5%	±0.5%	±0.5%	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum	0.181 maximum	4.70 maximum

Notes:
¹ Power dissipation from 1.0 to 100 W at 70 °C.
² T1: 100 °C, 100 W; T2: 100 °C, 100 W; T3: 100 °C, 100 W.
³ T1: 100 °C, 100 W; T2: 100 °C, 100 W; T3: 100 °C, 100 W.
⁴ T1: 100 °C, 100 W; T2: 100 °C, 100 W; T3: 100 °C, 100 W.

FIGURE 1 - STANDARD IMPRINTING AND DIMENSIONS

CHANGE TO .1% 0402 RESISTORS





[illegible]