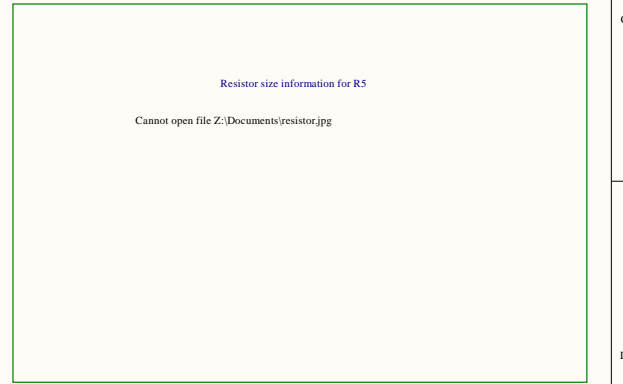
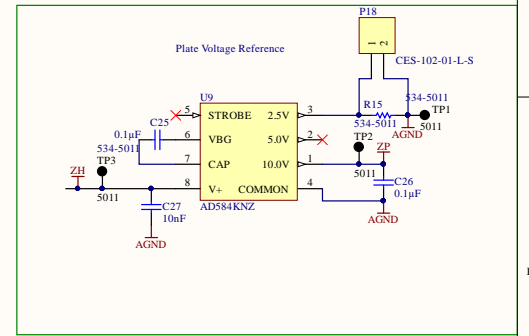
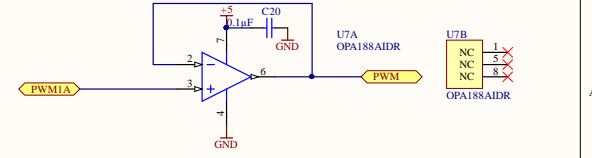


Title Power			*
Size: Tabloid	Number: LM-003	Revision: 3.0	*
Date: 7/7/2017	Time: 9:34:35 AM	Sheet 1 of 11	*
File: C:\Users\zls\Desktop\Land Meter PCB\LM-003\Power.SchDoc			*



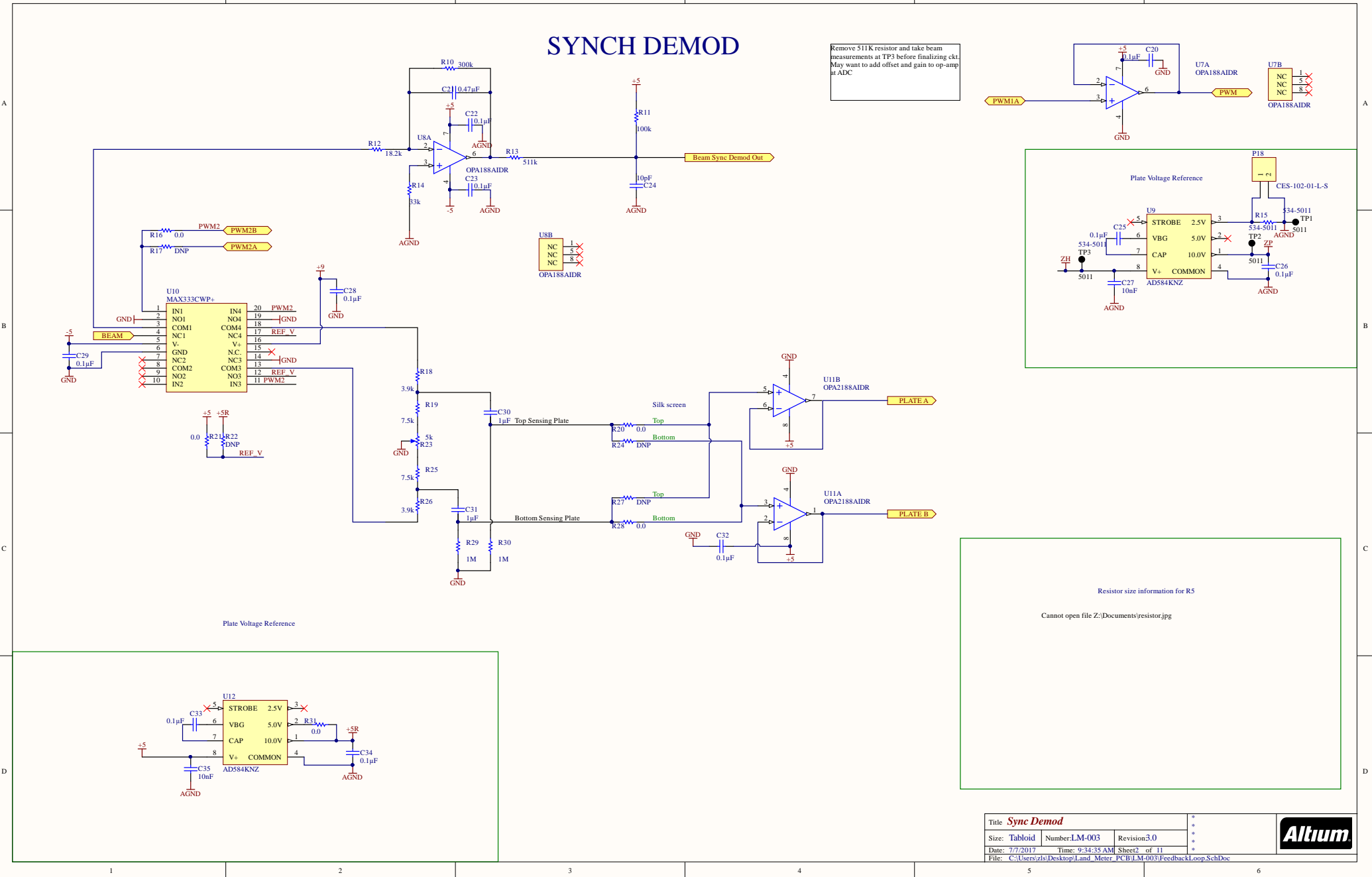
SYNCH DEMOD

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



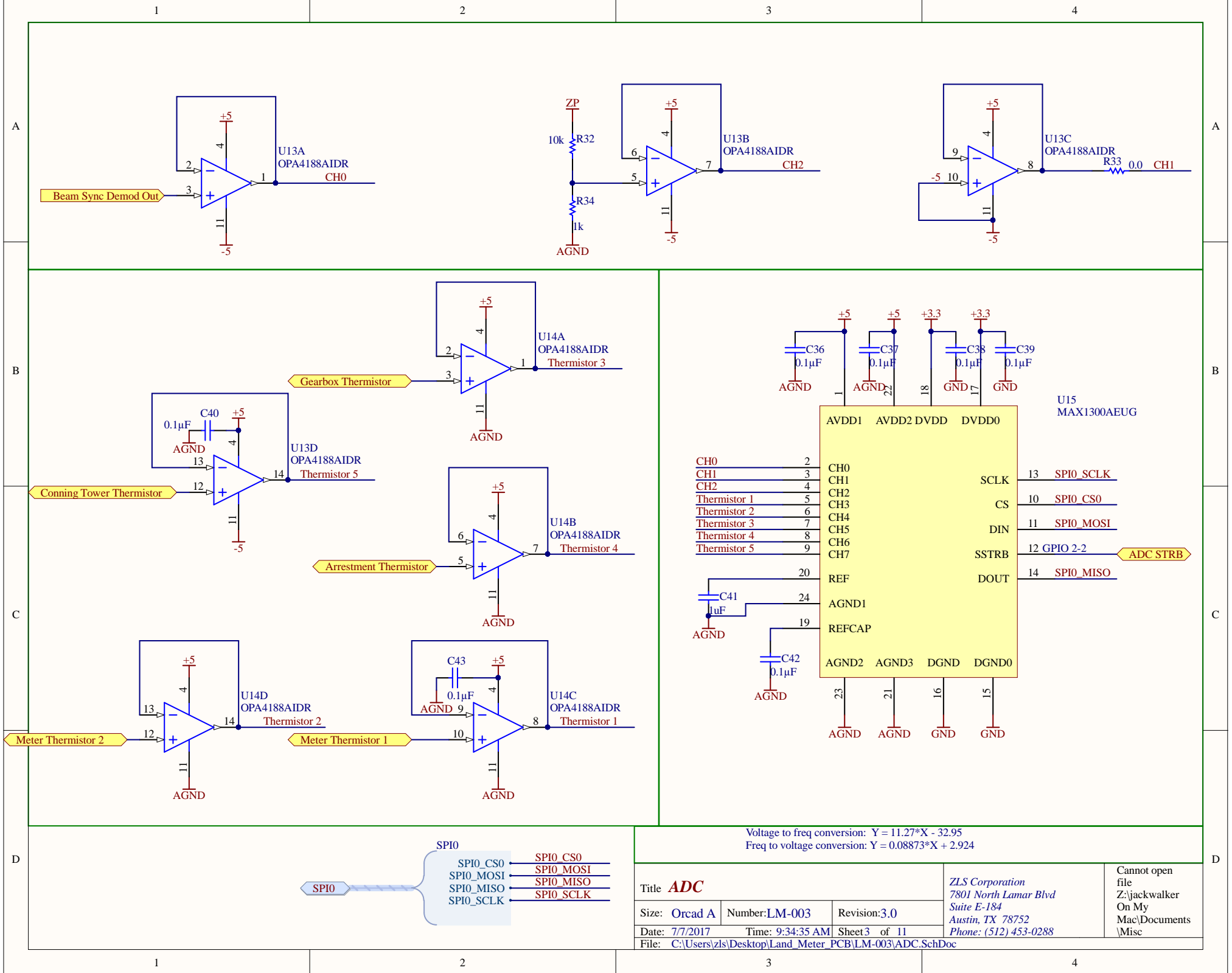
Resistor size information for R5

Cannot open file Z:\Documents\resistor.jpg

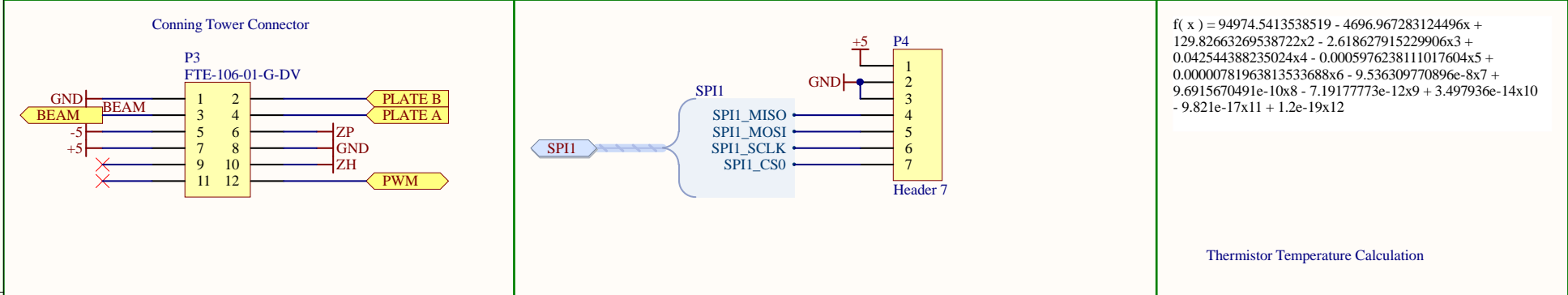


Title	Sync Demod	
Size:	Tabloid	Number:LM-003
Date:	7/7/2017	Revision:3.0
File:	C:\Users\zls\Desktop\Land_Meter_PCB\LM-003\FeedbackLoop.SchDoc	

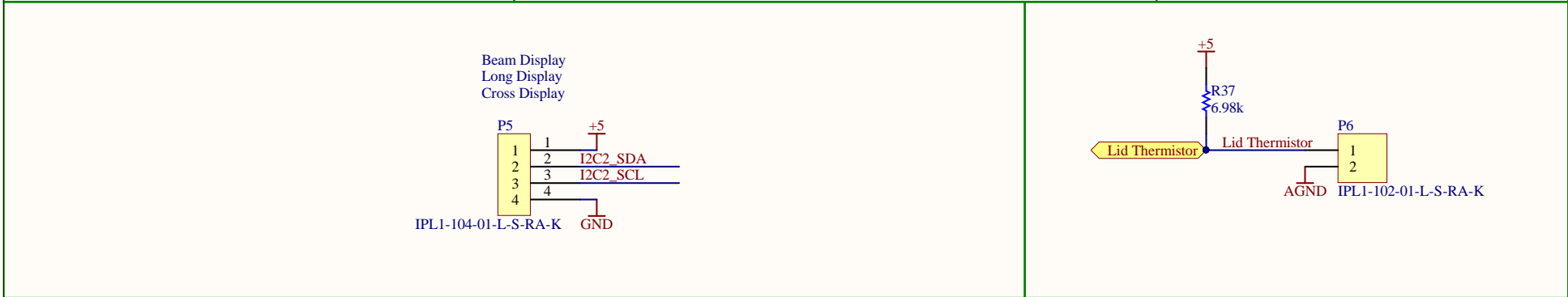




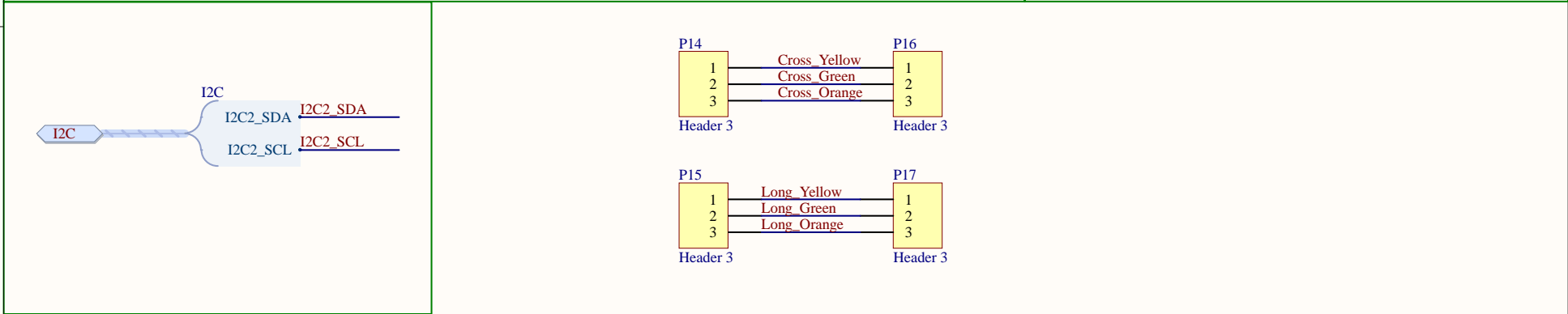
A



B



C



D

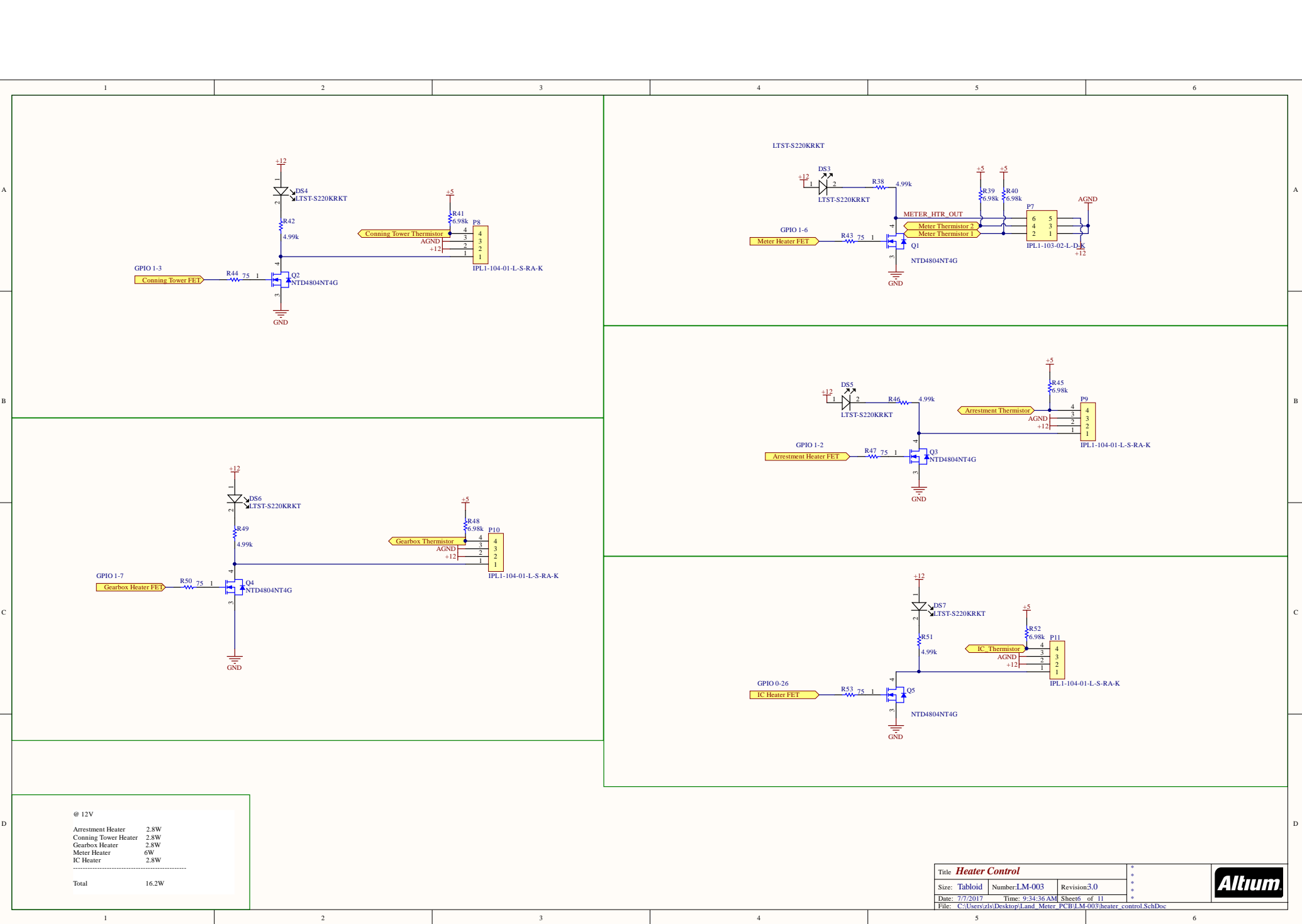
Mating Pigtail: MMSST-04-28-F-12.00-S-K			
Title Connectors			ZLS Corporation 7801 North Lamar Blvd Suite E-184 Austin, TX 78752 Phone: (512) 453-0288
Size: Orcad A	Number: LM-003	Revision: 3.0	Cannot open file Z:\jackwalker On My Mac\Documents \Misc
Date: 7/7/2017	Time: 9:34:36 AM	Sheet 5 of 11	
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-003\Connectors.SchDoc			

A

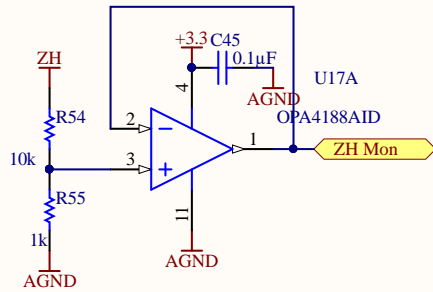
B

C

D

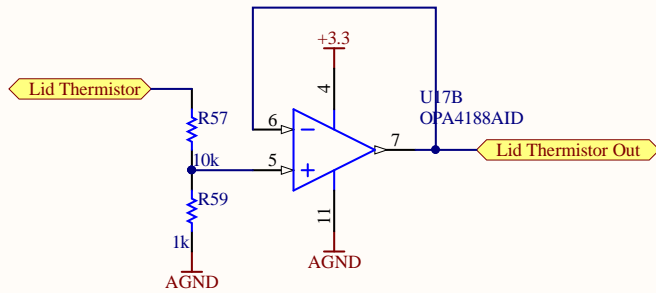


A



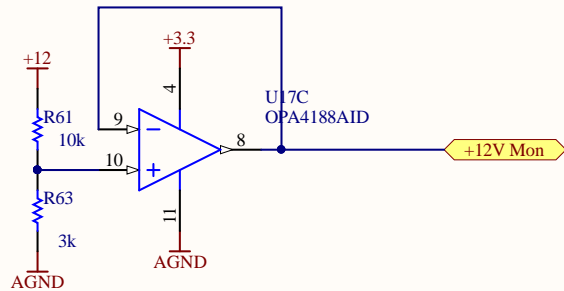
A

B



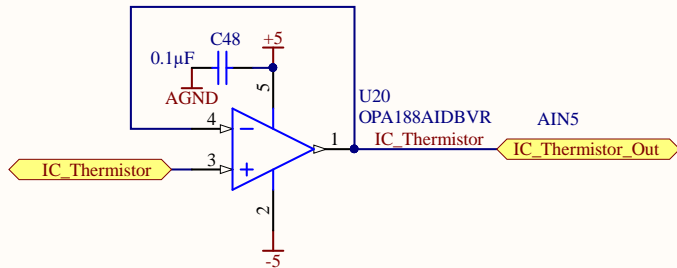
B

C

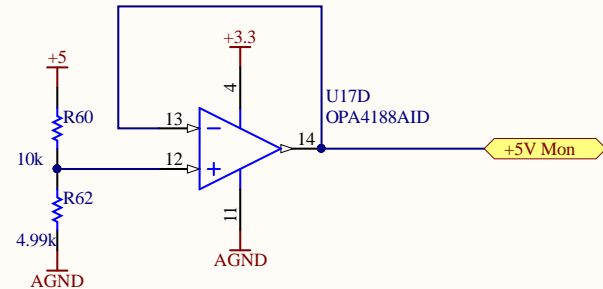
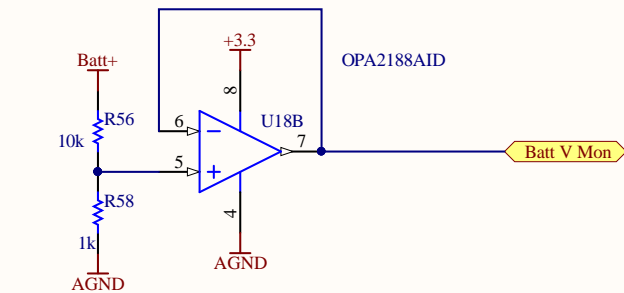
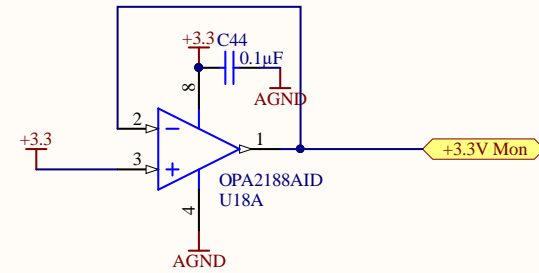


C

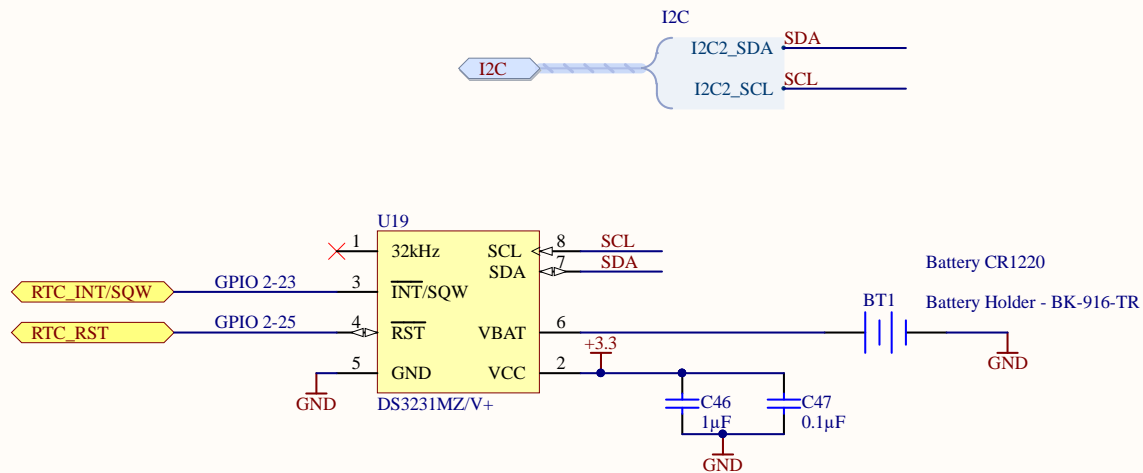
D



D



Title Power Monitor			ZLS Corporation 7801 North Lamar Blvd Suite E-184 Austin, TX 78752 Phone: (512) 453-0288	Cannot open file Z:\jackwalker On My Mac\Documents \Misc
Size: Orcad A	Number: LM-003	Revision: 3.0		
Date: 7/7/2017	Time: 9:34:36 AM	Sheet 7 of 11		
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-003\Power Monitor.SchDoc				



<https://learn.adafruit.com/adafruit-ds3231-precision-rtc-breakout/overview>

Title <i>Real Time Clock</i>			ZLS Corporation 7801 North Lamar Blvd Suite E-184 Austin, TX 78752 Phone: (512) 453-0288	Cannot open file Z:\jackwalker On My Mac\Documents \Misc
Size: Orcad A	Number:LM-003	Revision:3.0		
Date: 7/7/2017	Time: 9:34:36 AM	Sheet 8 of 11		
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-003\Real Time Clock.SchDoc				

A

B

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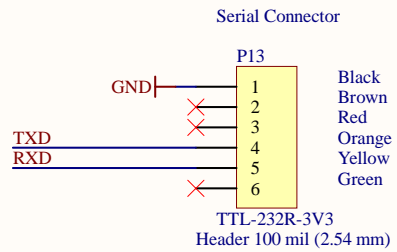
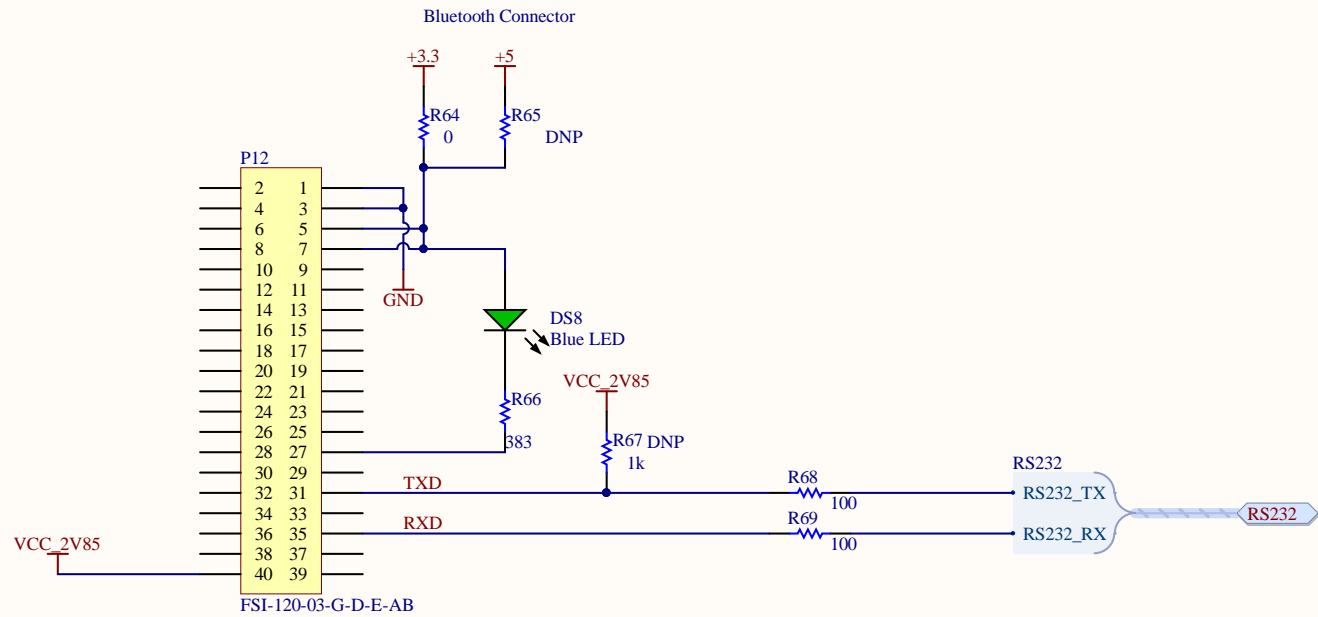
D

A

B

C

D

Title **RS232**

Size: Orcad A

Number: LM-003

Revision: 3.0

Date: 7/7/2017

Time: 9:34:36 AM

Sheet 9 of 11

File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-003\RS232.SchDoc

ZLS Corporation
7801 North Lamar Blvd
Suite E-184
Austin, TX 78752
Phone: (512) 453-0288

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Mac\Documents
\Misc

