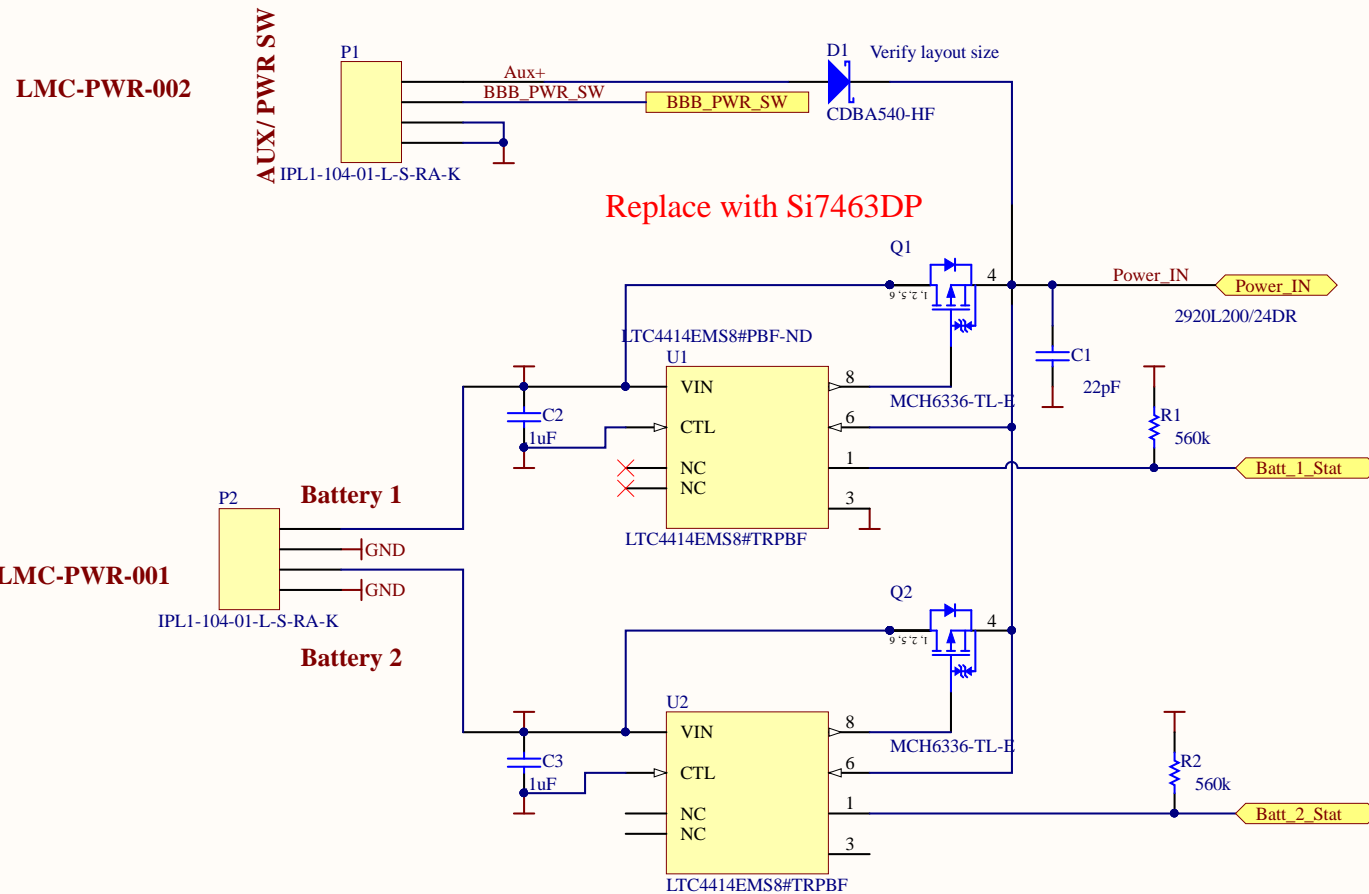


To Lid Pwr Jack and switch



<http://cds.linear.com/docs/en/datasheet/4412hvfs.pdf>

Batt range: max 16.8V V nom 14.4V V cutoff 9.6V

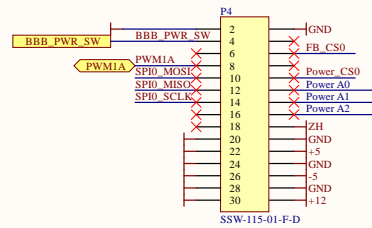
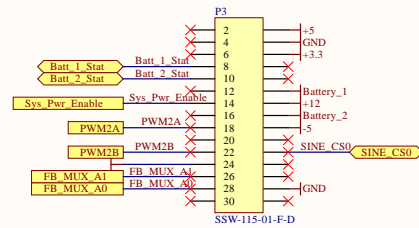
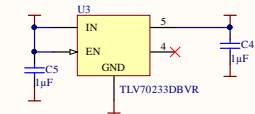
Title <b>Power Input</b>			ZLS Corporation 7801 North Lamar Blvd. Suite E-184 Austin, Texas 78752 USA (512) 453-0288
Size: Orcad A	Number:LM-008	Revision:B	
Date: 10/2/2018	Time: 10:43:33 AM	Sheet 1 of 6	
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-008\Rev C\Power_Input.SchDoc			



# VERIFY LAYOUT REQ AND EXT CAPS ETC

## +3.3V Supply

Maximum ESR should be less than 200 mΩ

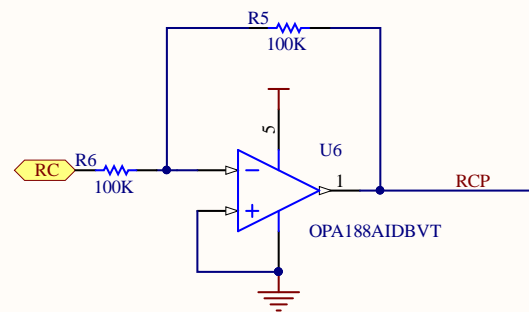
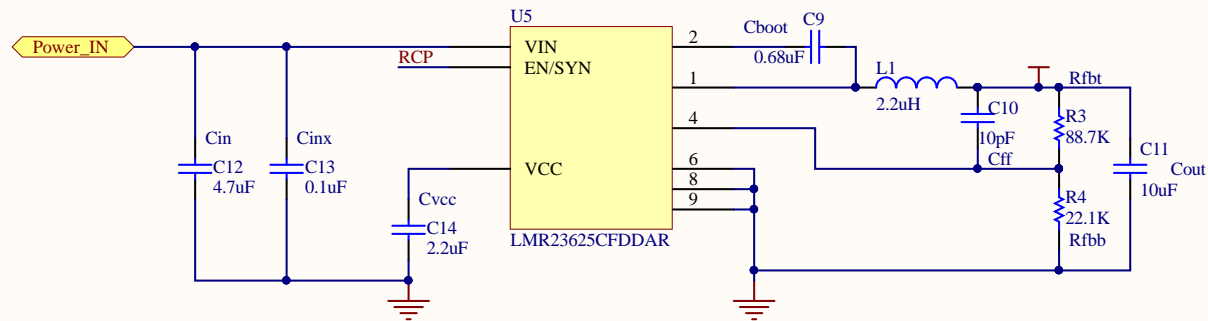
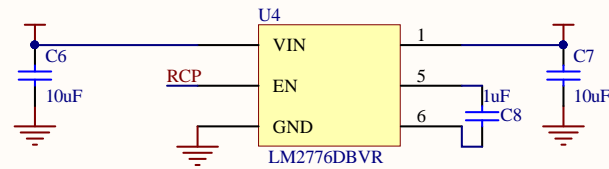


BATTERY CONNECTIONS  
P1 BATTERY  
2 A- NEGATIVE  
3 B- TEMPERATURE  
4 C- DATA  
5 D- CLOCK  
1 E- POSITIVE  
N/C F- KEY



Title <b>Main</b>			ZLS Corporation 7801 North Lamar Blvd. Suite E-184 Austin, Texas 78752 USA (512) 453-0288
Size: <b>Tabletoid</b>	Number: <b>LM-008</b>	Revision: <b>B</b>	
Date: 10/2/2018	Time: 10:43:33 AM	Sheet2 of 6	
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-008\Rev C\LM-008_SchDoc			





Title **5R Supply**

Size: Orcad A

Number: LM-008

Revision: C

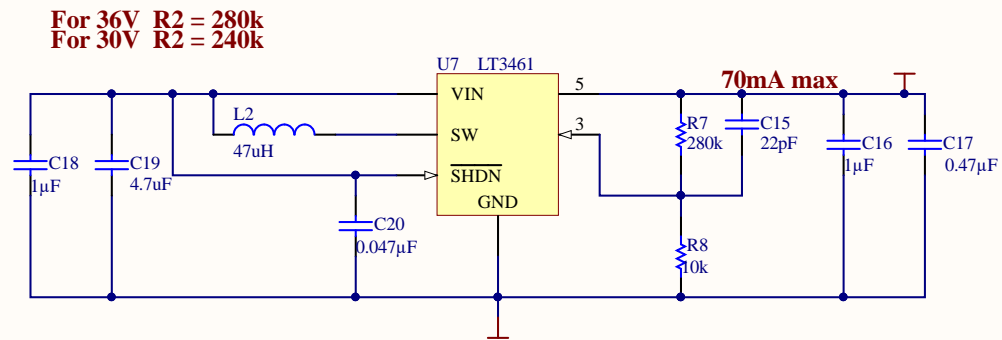
Date: 10/2/2018

Time: 10:43:33 AM Sheet 3 of 6

File: C:\Users\zls\Desktop\Land\_Meter\_PCB\LM-008\Rev C\5R\_Supply.doc.SchDoc

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7801 North Lamar Blvd.  
Suite E-184  
Austin, Texas 78752 USA  
(512) 453-0288





Title **36V DC-DC Converter**

Size: Orcad A

Number: LM-008

Revision: C

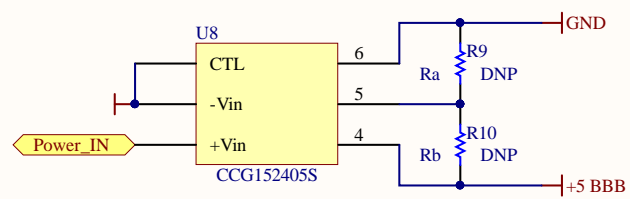
Date: 10/2/2018


Time: 10:43:33 AM Sheet 4 of 6

File: C:\Users\zls\Desktop\Land\_Meter\_PCB\LM-008\Rev C\36V\_Supply.SchDoc

ZLS Corporation  
7801 North Lamar Blvd.  
Suite E-184  
Austin, Texas 78752 USA  
(512) 453-0288





Title <b>BBB Supply</b>			ZLS Corporation 7801 North Lamar Blvd. Suite E-184 Austin, Texas 78752 USA (512) 453-0288	
Size: Orcad A	Number:LM-008	Revision:C		
Date: 10/2/2018	Time: 10:43:33 AM	Sheet5 of 6		
File: C:\Users\zls\Desktop\Land_Meter_PCB\LM-008\Rev C\BBB-Supply.SchDoc				



