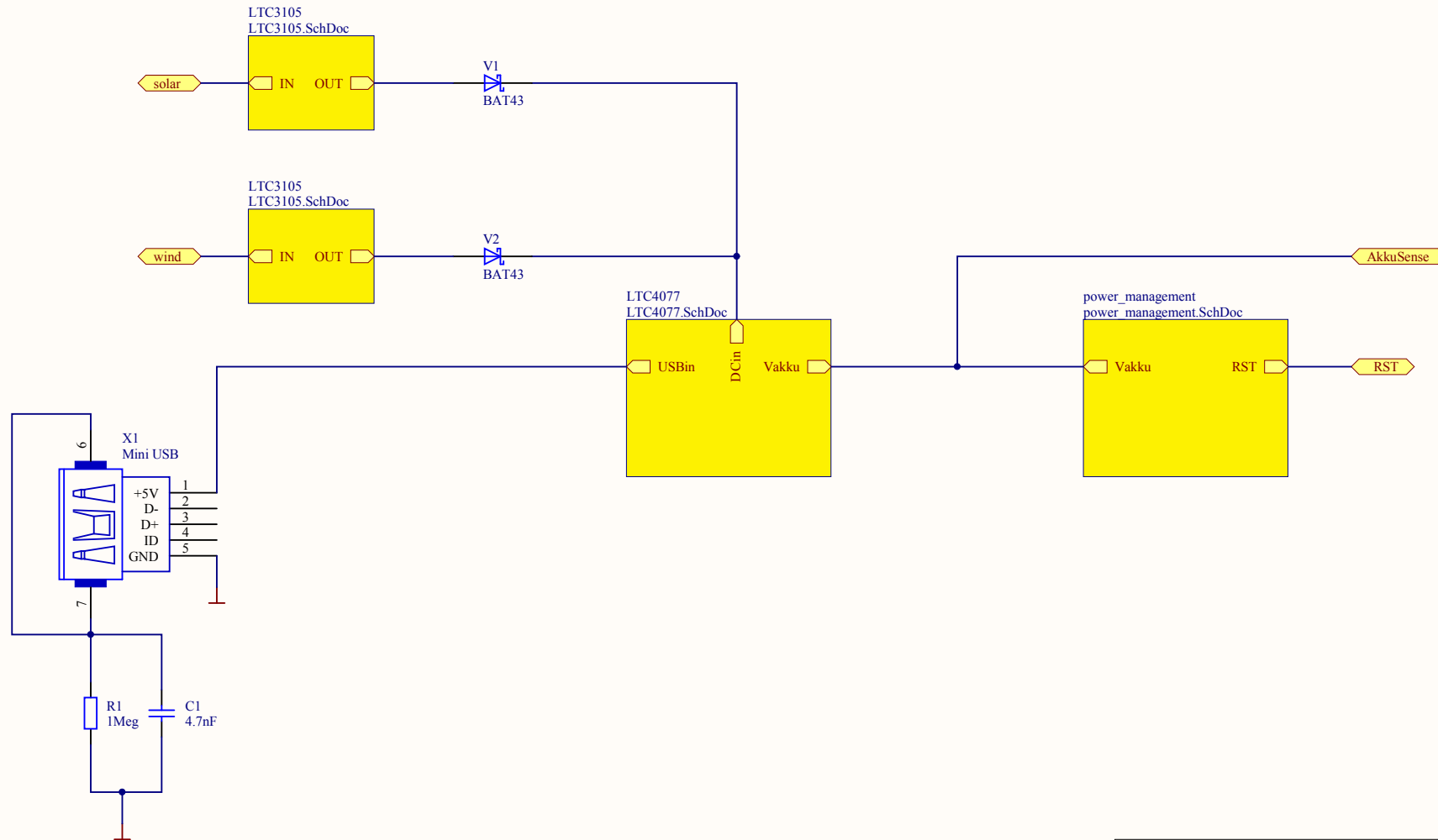


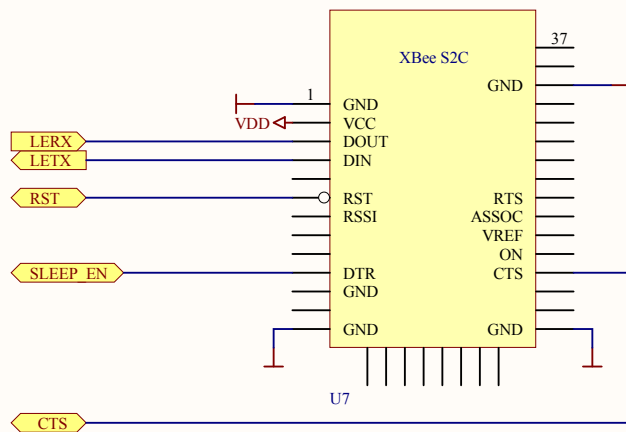
Energieversorgung der Ackerplatine



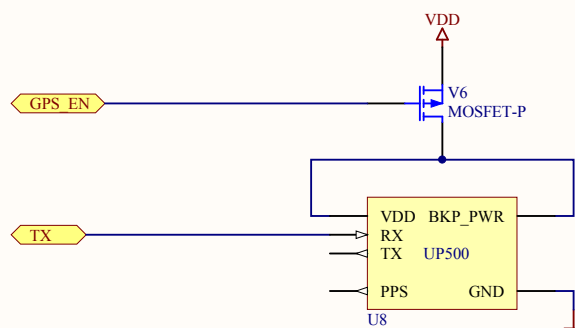
Title Energieversorgung		
Size A4	Number DA IoT-LPWC	Revision 3
Date: 02.04.2015	Sheet 2 of 8	
File: C:\Users\...\energieversorgung.SchDoc	Drawn By: Köfinger Michael	

Funkverbindung

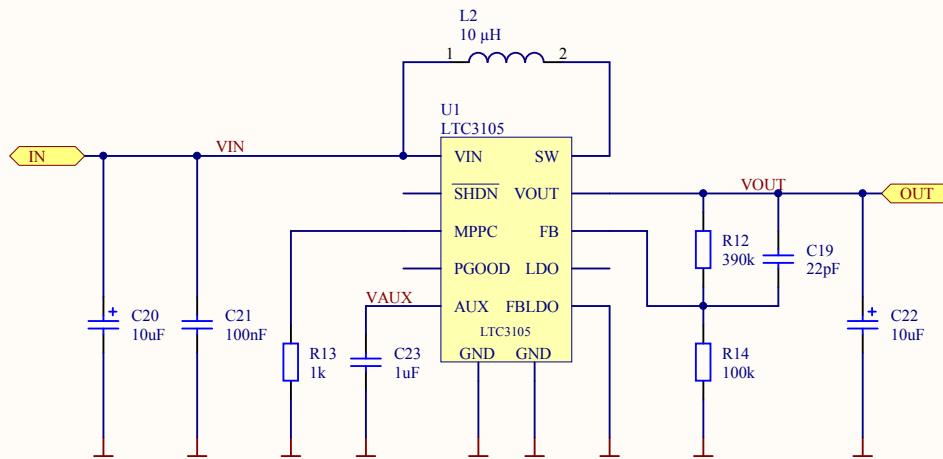
ZigBee



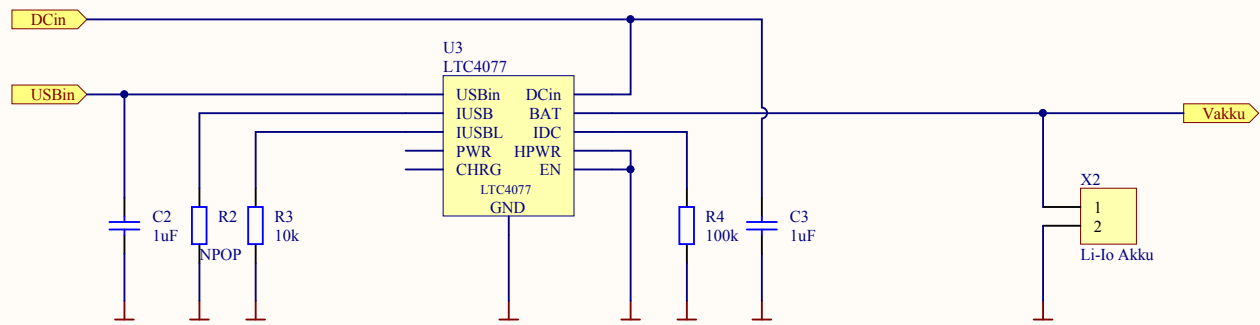
GPS



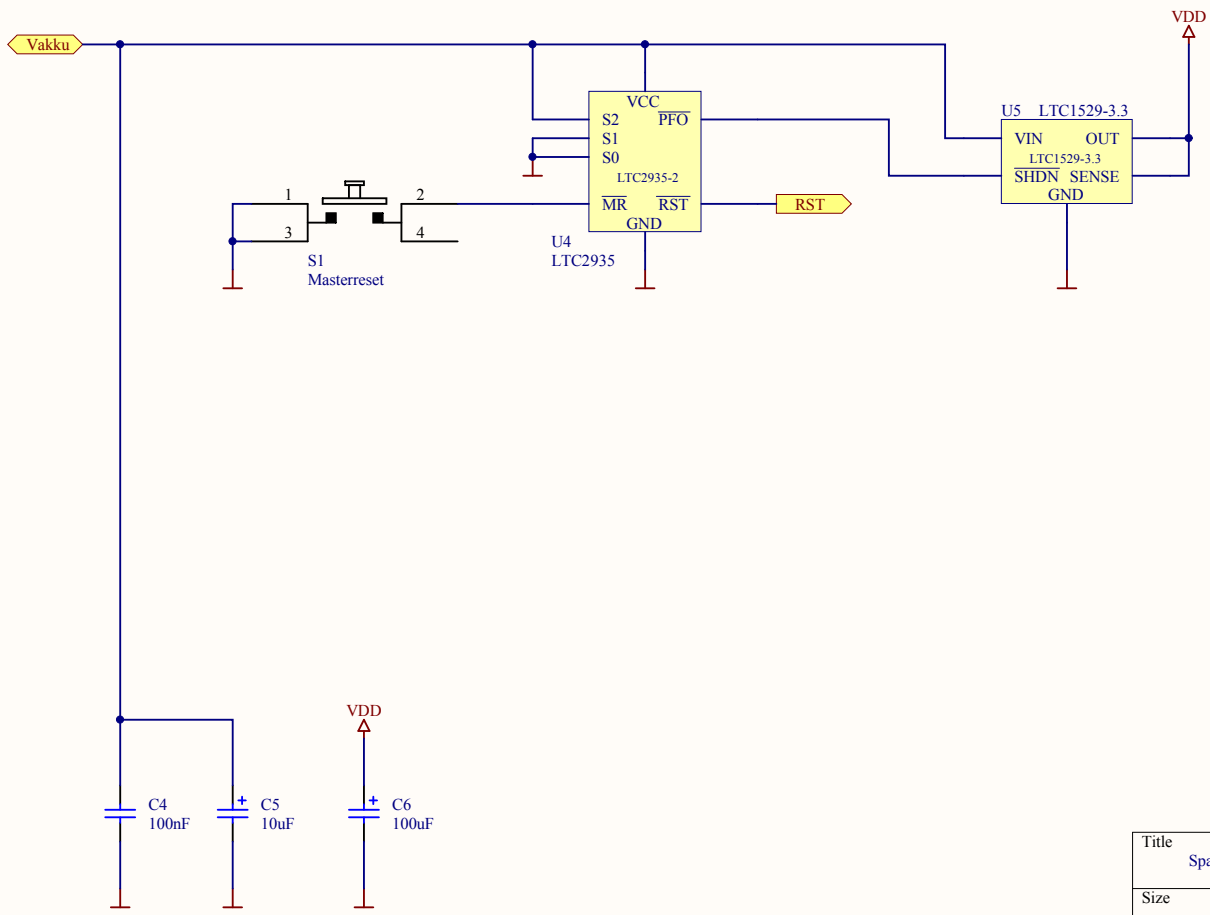
Title			
Funkverbindung			
Size	Number	Revision	
A4	DA IoT-LPWC	2	
Date:	02.04.2015	Sheet 8 of 8	
File:	C:\Users\...funkverbinung.SchDoc	Drawn By: Köfinger Michael	



Title		
Solar Harvester LTC3105		
Size	Number	Revision
A4	DA IoT-LPWC	1
Date:	02.04.2015	Sheet 3 of 8
File:	C:\Users\...\LTC3105.SchDoc	Drawn By: Köfinger Michael

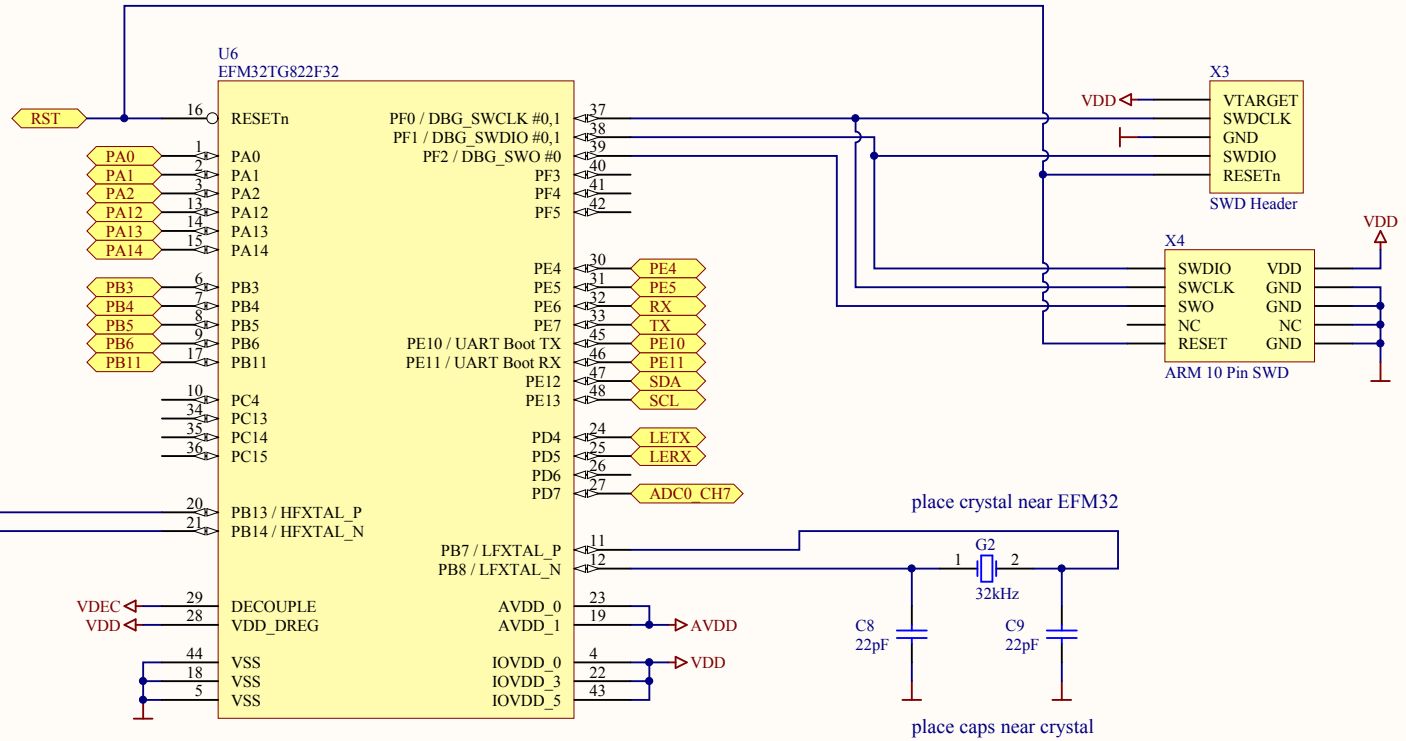


Title Akkuladeschaltung für Li-Io Akku		
Size A4	Number DA IoT-LPWC	Revision 1
Date: 02.04.2015	Sheet 4 of 8	
File: C:\Users\...\LTC4077.SchDoc	Drawn By: Köfing Michael	

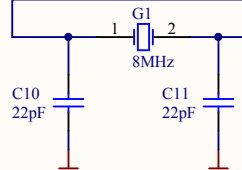


Title		
Spannungs-Komparator + LDO Spannungsregler		
Size	Number	Revision
A4	DA IoT-LPWC	1
Date:	02.04.2015	Sheet 5 of 8
File:	C:\Users\...\power management.SchDoc	Drawn By: Köfing Michael

Mikrocontroller

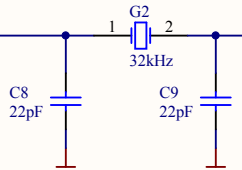


place crystal near EFM32



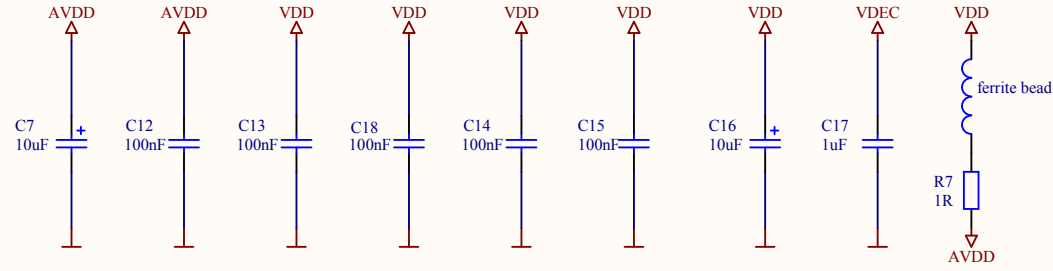
place caps near crystal

place crystal near EFM32



place caps near crystal

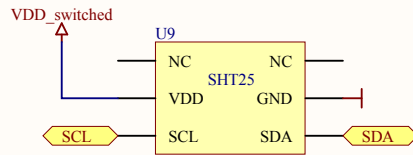
place decoupling caps near EFM32



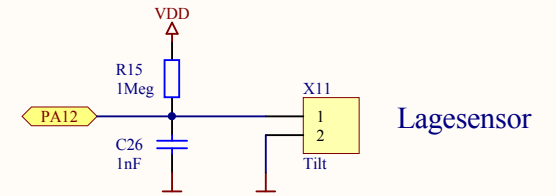
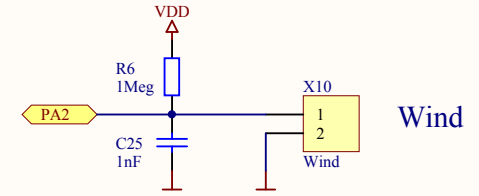
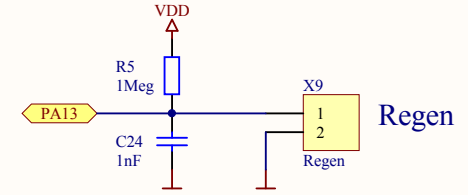
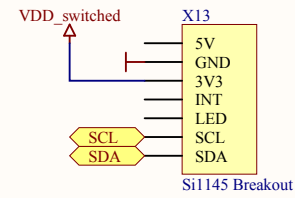
Title			
EFM32 MCU			
Size	Number	Revision	
A4	DA IoT-LPWC	2.2	
Date:	02.04.2015	Sheet 6 of 8	
File:	C:\Users\...prozessor.SchDoc	Drawn By: Köfinger Michael	

Sensorik

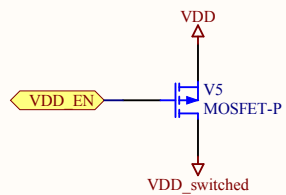
Temperatur, rel. Luftfeuchtigkeit



UV-Index



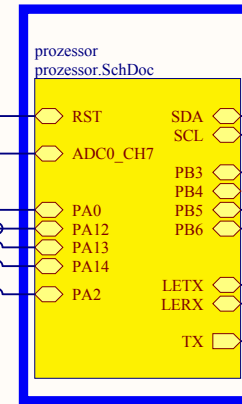
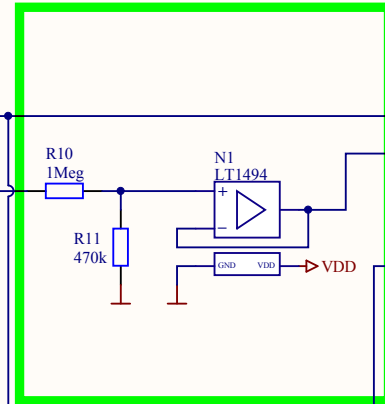
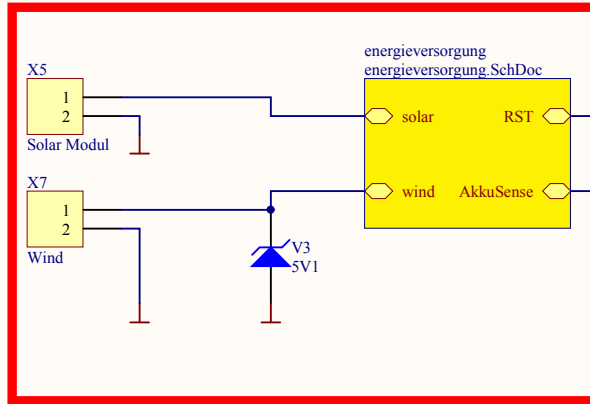
RC-Filer (T=1ms) to debounce the reed relais



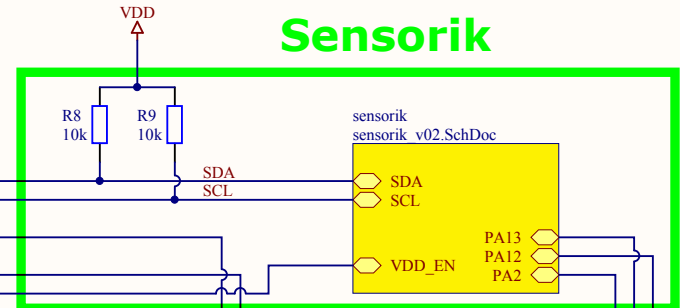
Title Sensorik		
Size A4	Number DA IoT-LPWC	Revision 2
Date: 02.04.2015	Sheet 7 of 8	
File: C:\Users\...\sensorik_v02.SchDoc	Drawn By: Köfing Michael	

Schaltplan Wetterstation

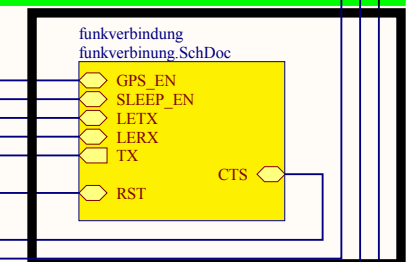
Energieversorgung



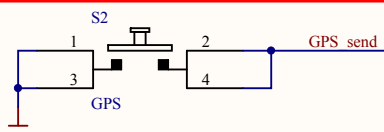
Sensorik



Mikrocontroller



Funkverbindung



Title Wetterstation		
Size A4	Number DA IoT-LPWC	Revision 2
Date: 02.04.2015	Sheet 1 of 8	
File: C:\Users\...\wetterstation.SchDoc	Drawn By: Köfinger Michael	