

1

2

3

4

5

6

D

C

B

A

Controller Section


Logger100PR.sch

Peripheral Section

Logger100_IO.sch

Unless otherwise specified, all values are as follows:
resistor values are in Ohms, i.e. 0R47, 5R6, 220, 5K6, 22K
capacitor values are in Microfarads, i.e. 220p, 0u1, 2u2, 33
inductor values are in Microhenries, i.e. 0u22, 5u6, 68, 2m2

The ALog BottleLogger 2.0 by Gerhard Oberforcher and modified from the original design by Andrew D. Wickert and Northern Widget LLC, is licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported License



open source hardware

Date

Name

Drawn

Modified

Checked

10-Nov-2015

ADT/GJO

☒ Prototype

☐ Production

YES

BOM Done?

PCB Name: BOTTLE LOGGER V2.2.0

PCB Nr. 6-0039

PCB Type: FR4 2L 2LL 2SM 0.062

Scale: EL

Change Index

Change Notification Nr.

Date

Name

Used in

FIELD DATA LOGGING

Repl.for

BOTTLE LOGGER V1

Build No.

1

Drw. Type:

PCB SCHEMATIC

Prj. Nr

15027

Size: A3

Rev: 1.02

Drw. Nr

4415-0039

File: Logger100.prj

Sheet 1 of 3

BL1284P Project Wrapper

Requires TGL-017 Font

1

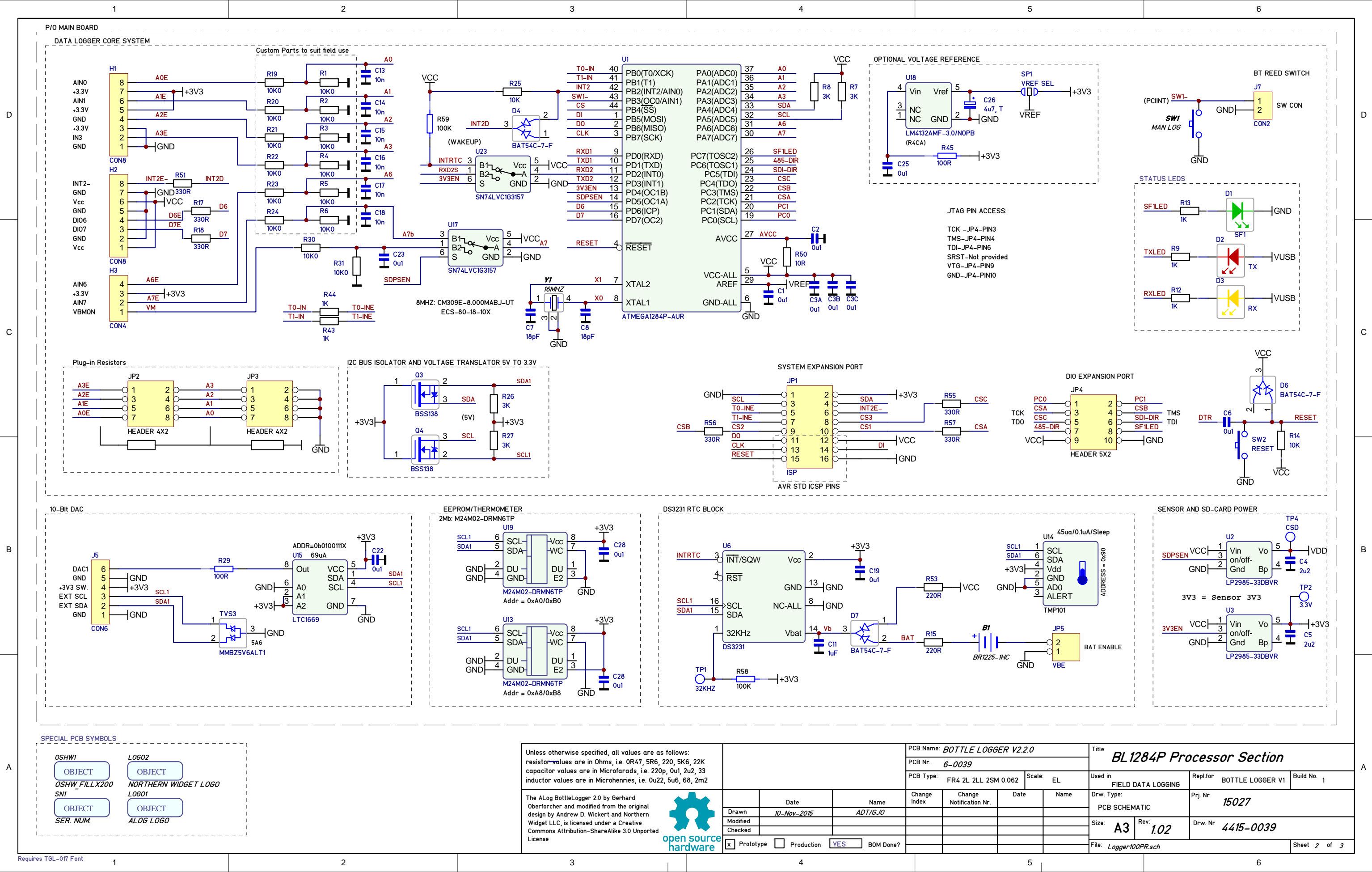
2

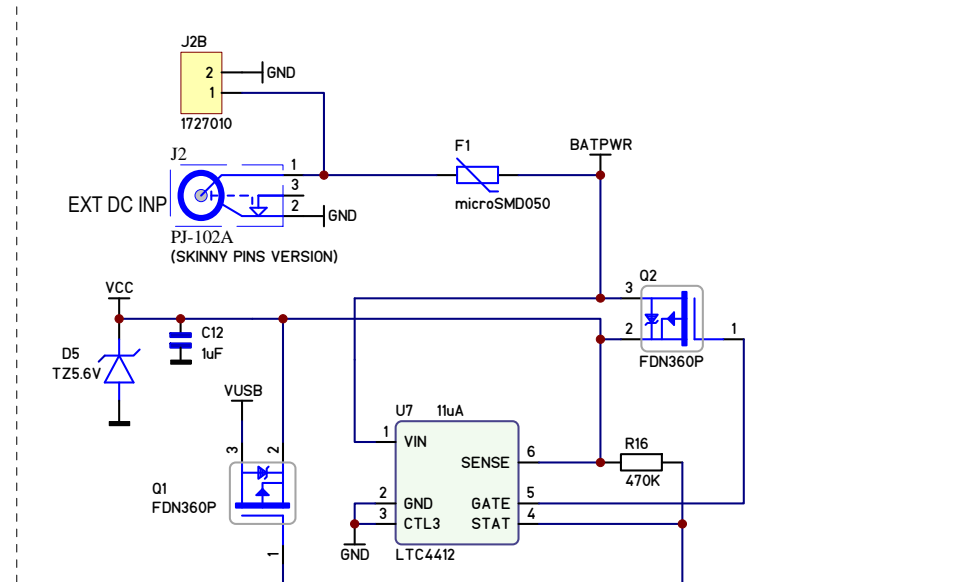
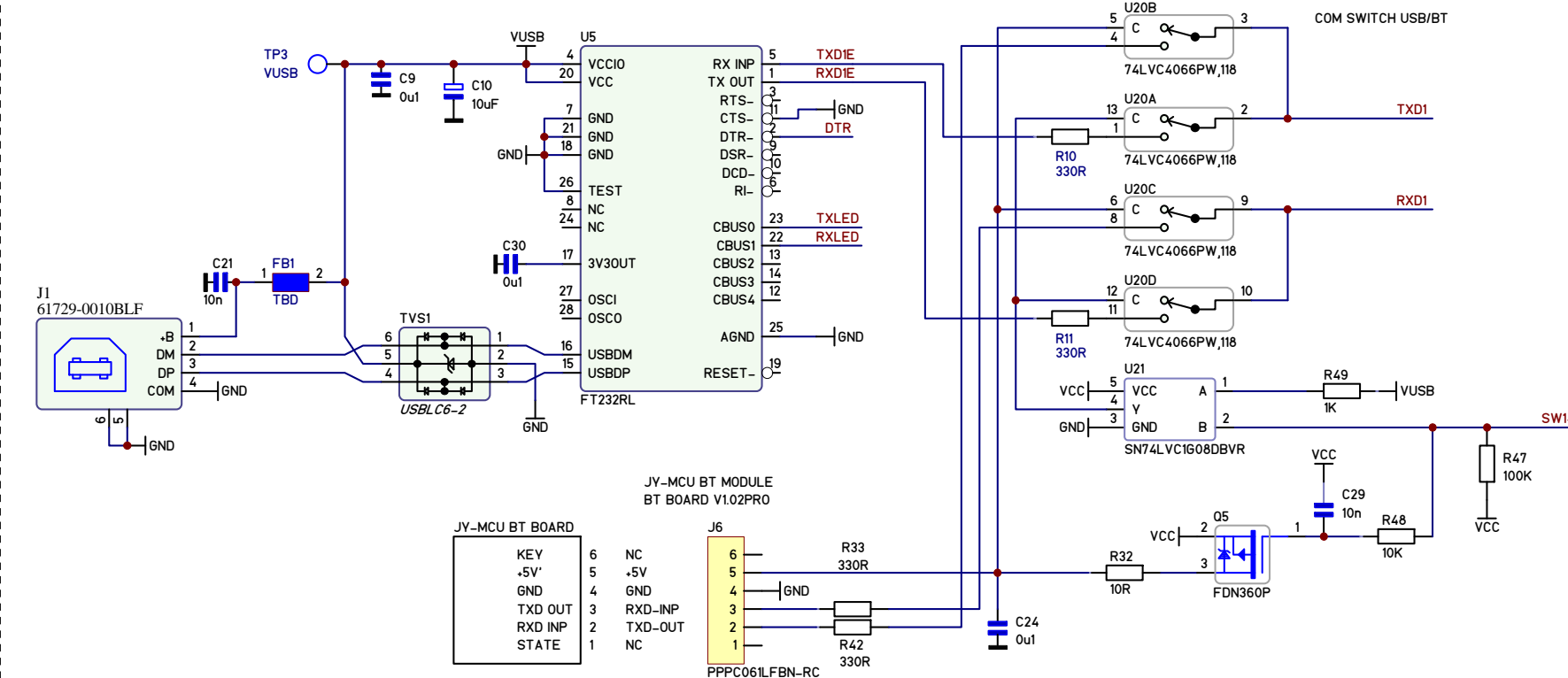
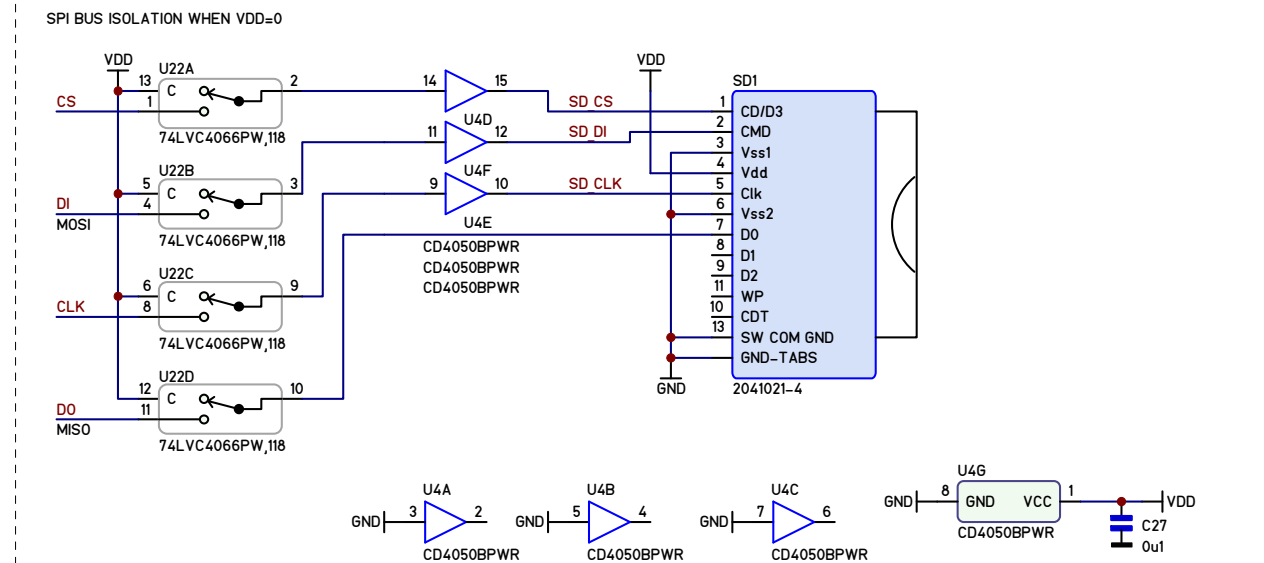
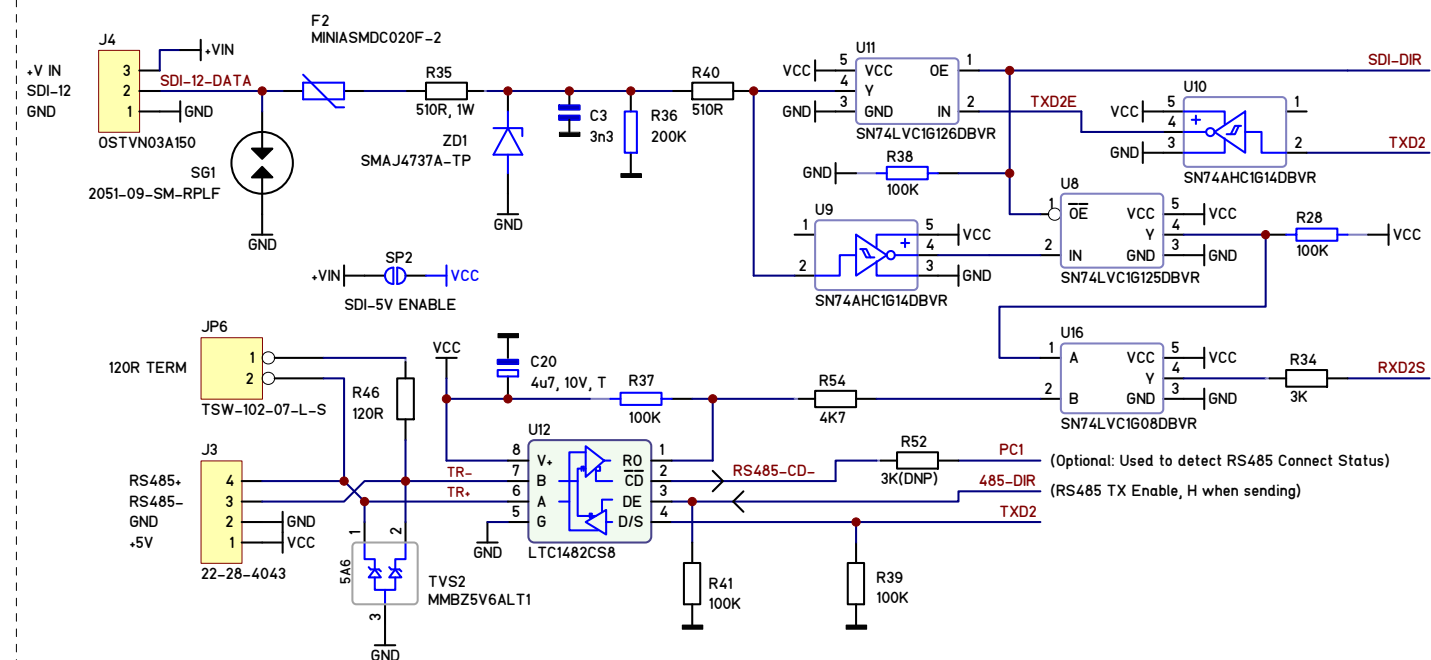
3

4

5

6



USART 0 TRUTHTABLE

VUSB	SW1-	TXD	RXD
0V	HI	INF	INF
0V	LO	BT	BT
VUSB	LO	BT	BT
VUSB	HI	USB	USB

Unless otherwise specified, all values are as follows:
resistor values are in Ohms, i.e. 0R47, 5R6, 220, 5K6, 22K
capacitor values are in Microfarads, i.e. 220p, 0u1, 2u2, 33
inductor values are in Microhenries, i.e. 0u22, 5u6, 68, 2m2

The ALog BottleLogger 2.0 by Gerhard Oberforcher and modified from the original design by Andrew D. Wickert and Northern Widget LLC, is licensed under a Creative Commons Attribution-ShareAlike 3.0 Unported License



			PCB Name: <i>BOTTLE LOGGER V2.2.0</i>				Title <i>BL1284P Peripherals Section</i>					
			PCB Nr. <i>6-0039</i>									
			PCB Type: <i>FR4 2L 2LL 2SM 0.062</i>		Scale: <i>EL</i>		Used in <i>FIELD DATA LOGGING</i>		Repl.for <i>BOTTLE LOGGER V1</i>		Build No. <i>1</i>	
	Date	Name	Change Index	Change Notification Nr.	Date	Name	Drw. Type: <i>PCB SCHEMATIC</i>		Prj. Nr <i>15027</i>			
Drawn	<i>10-Nov-2015</i>	<i>ADT/GJO</i>										
Modified												
Checked							Size: <i>A3</i>		Rev: <i>1.02</i>	Drw. Nr <i>4415-0039-2</i>		
<input checked="" type="checkbox"/> Prototype <input type="checkbox"/> Production <input checked="" type="checkbox"/> YES BOM Done?							File: <i>Logger100 I/O.sch</i>				Sheet <i>3</i> of <i>3</i>	