



GliaX - pulseox

Pulse oximetry device - main board

CONTENTS:

PAGE1 - CONTENTS

PAGE2 - POWER, MCU

Version Revision:

v0.2 - 19.07.2017.

DESIGN CONSIDERATIONS

DESIGN NOTE:
Example text for informational
design notes.

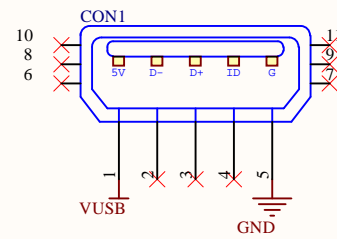
DESIGN NOTE:
Example text for critical
design notes.

LAYOUT NOTE:
Example text for critical
layout guidelines.

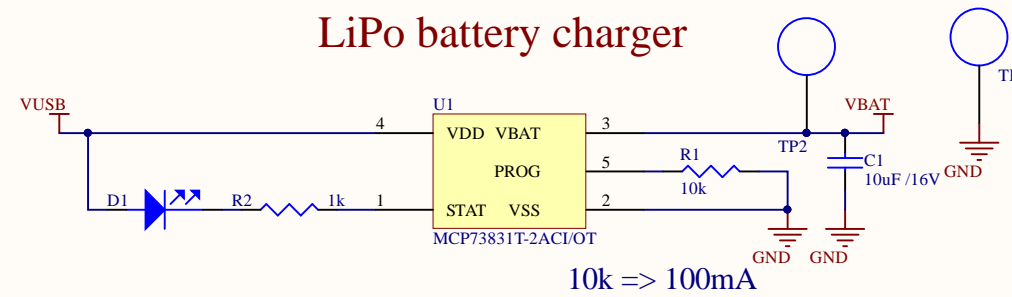
Irnas		www.irnas.eu	
Title: pulseox-main-PCB.PrjPcb			
Page Contents: PAGE1 - CONTENTS.SchDoc			
Size:	DWG NO		Revision: v2.0
Date: *	Sheet 1 of 2		

Power, MCU and Connectors schematics

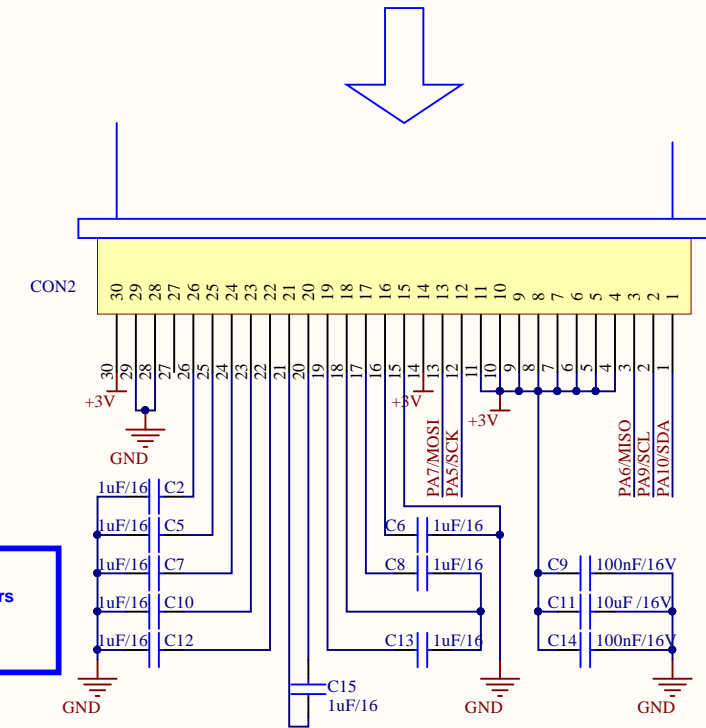
Micro USB



LiPo battery charger

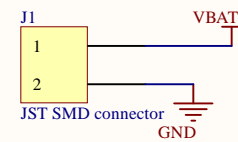


Display connector

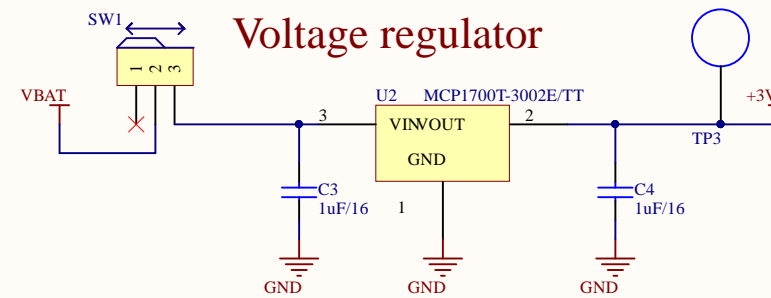


LAYOUT NOTE:
All display capacitors
need to be close to
display connector.

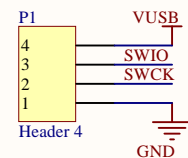
LiPo battery connector



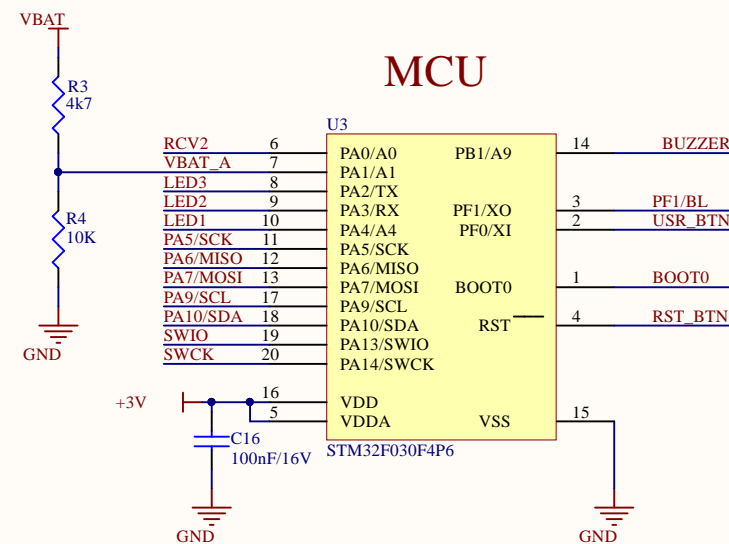
Voltage regulator



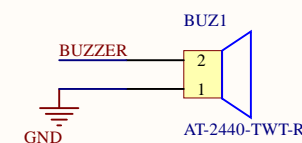
Programming connector



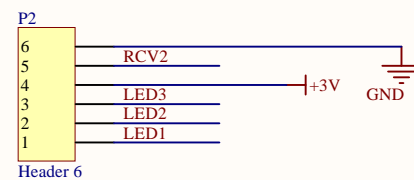
MCU



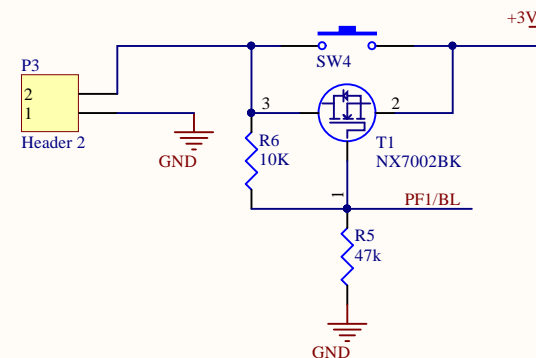
Buzzer



Clamp connector

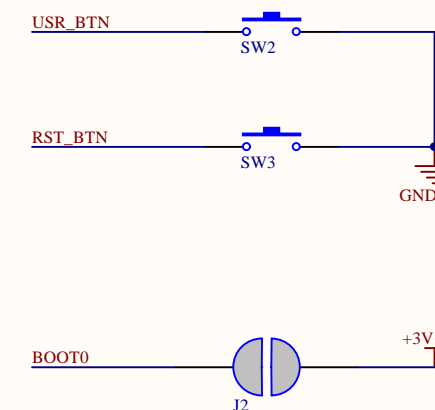


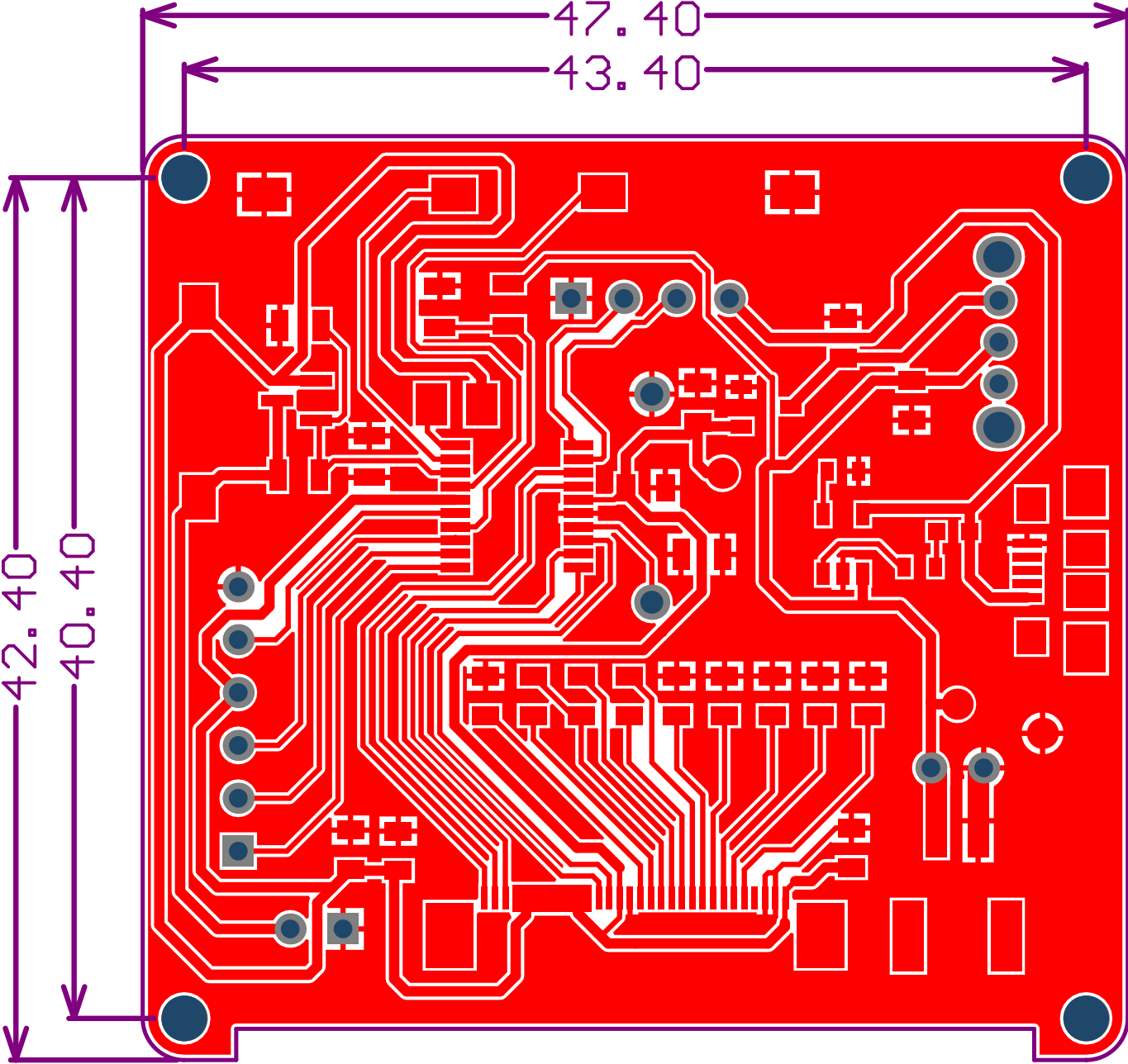
Backlight

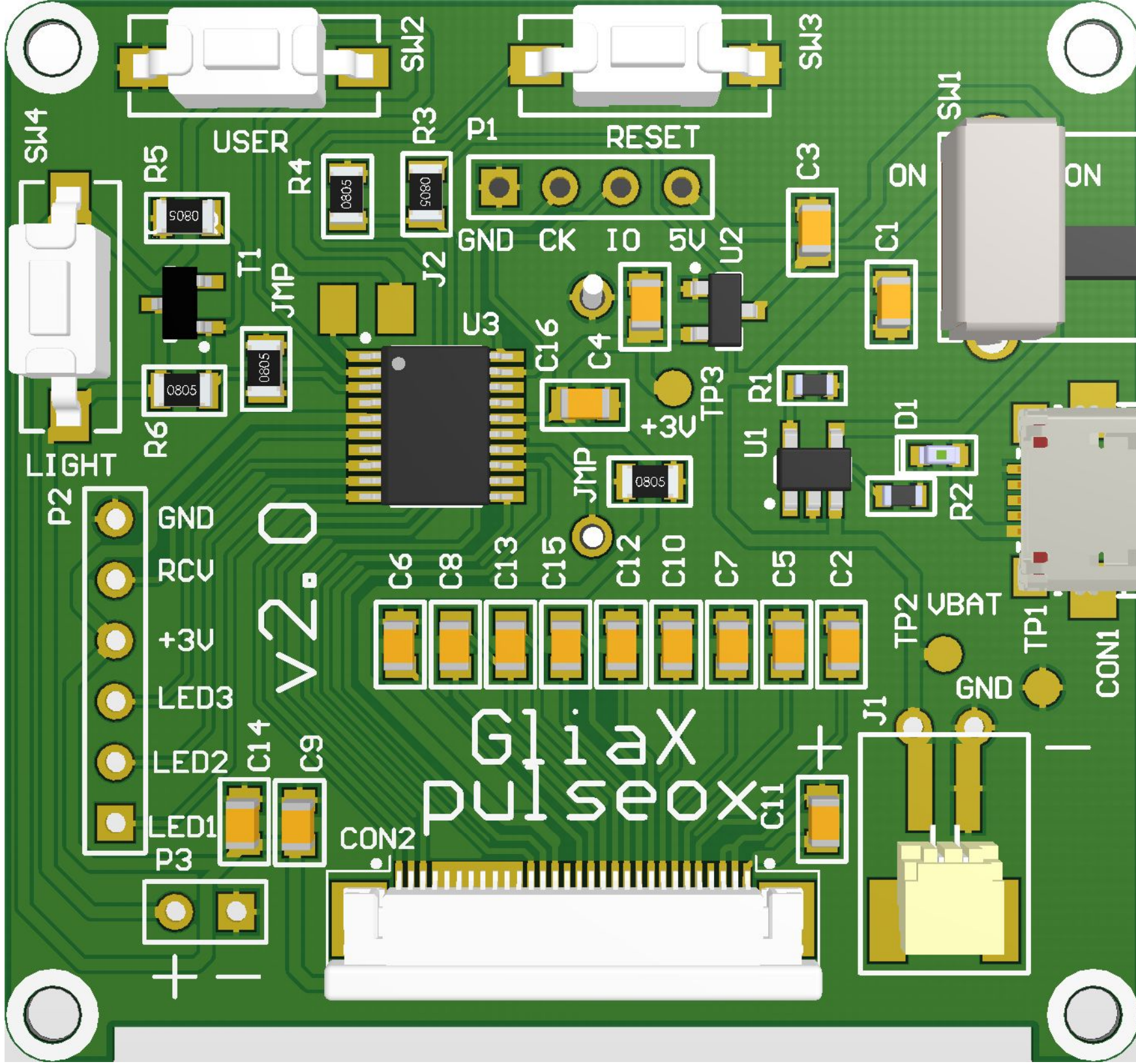


DESIGN NOTE:
Two option for turning on display back light.

1. Hardware - button
2. Software - GPIO







BUZ1

