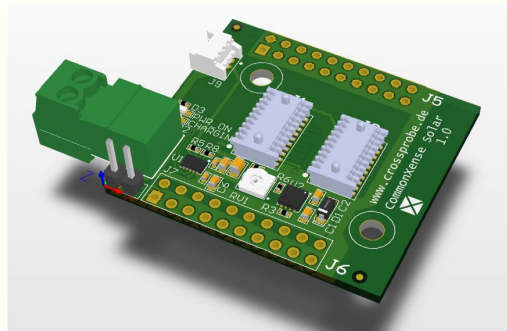


CommonXense

CX_SolarBatteryModule

Date: 16.05.2018

Variant: Production
Revision: 1.0



Schematic Overview:

U_SolarCharger
SolarCharger.SchDoc



U_IO_Interface
IO_Interface.SchDoc



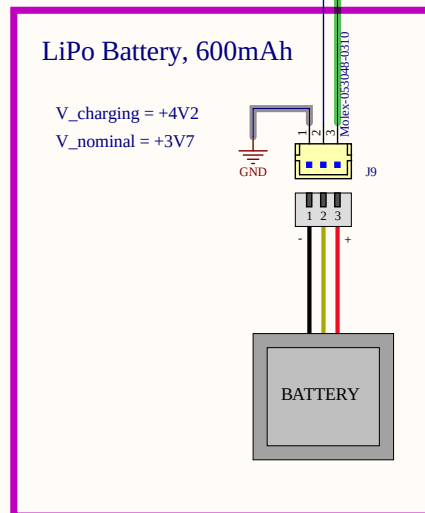
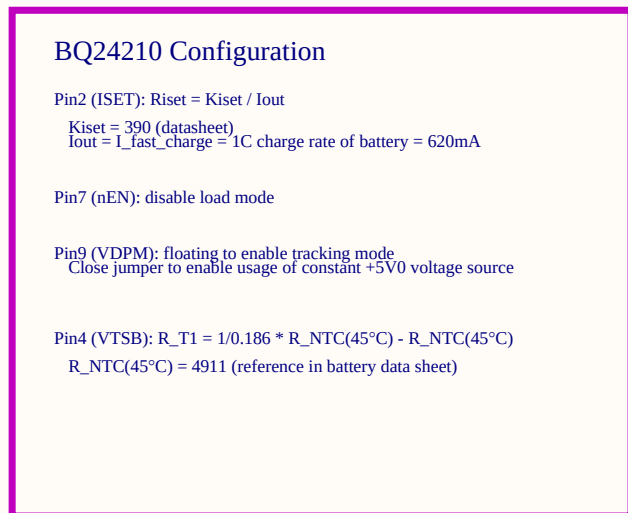
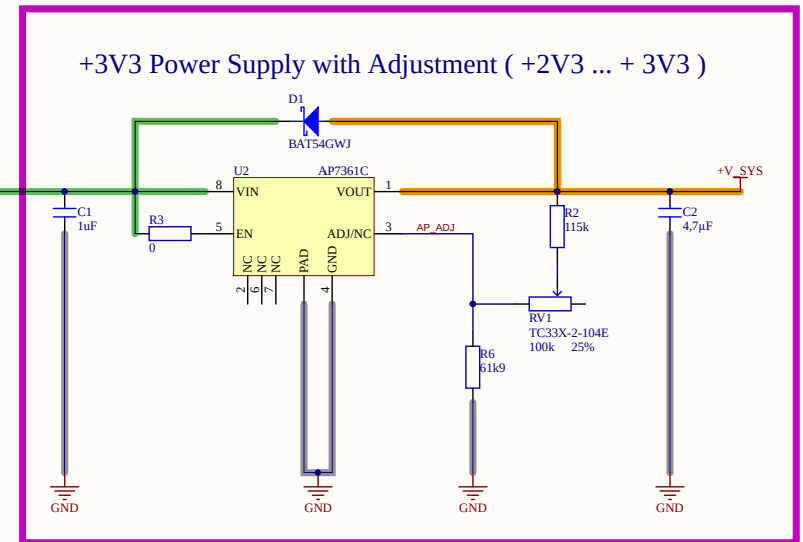
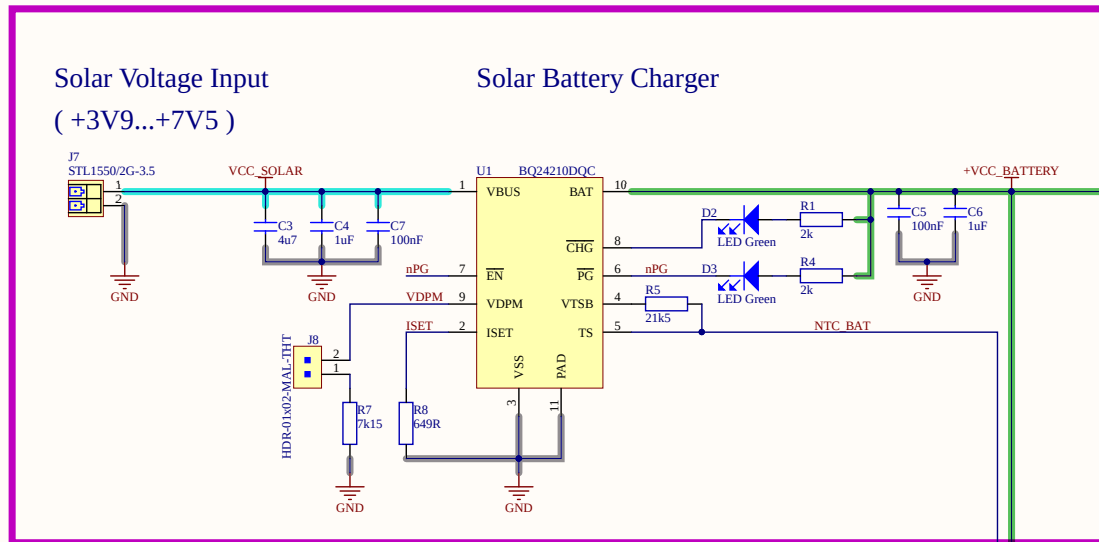
Fiducials

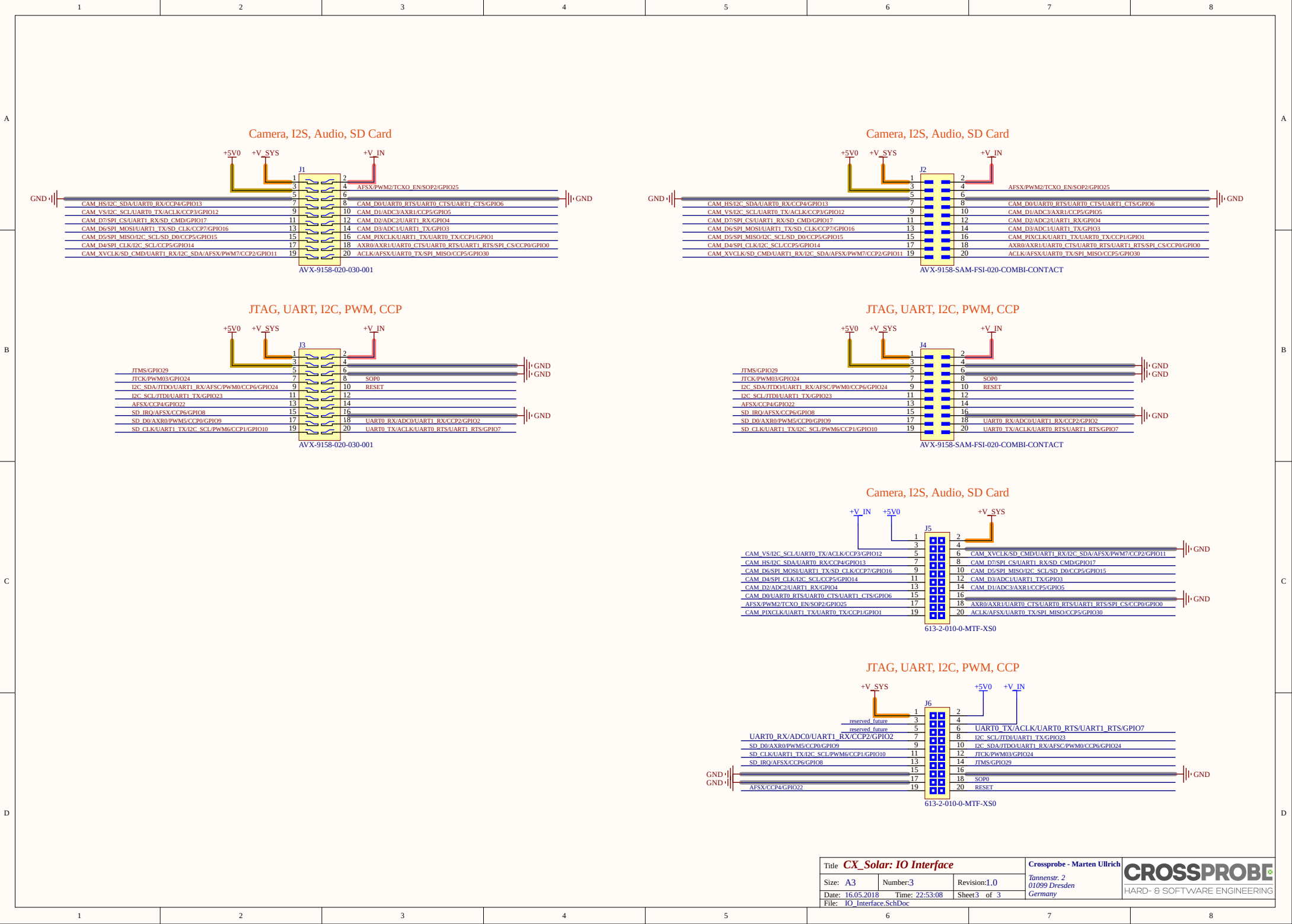


Mounting Holes

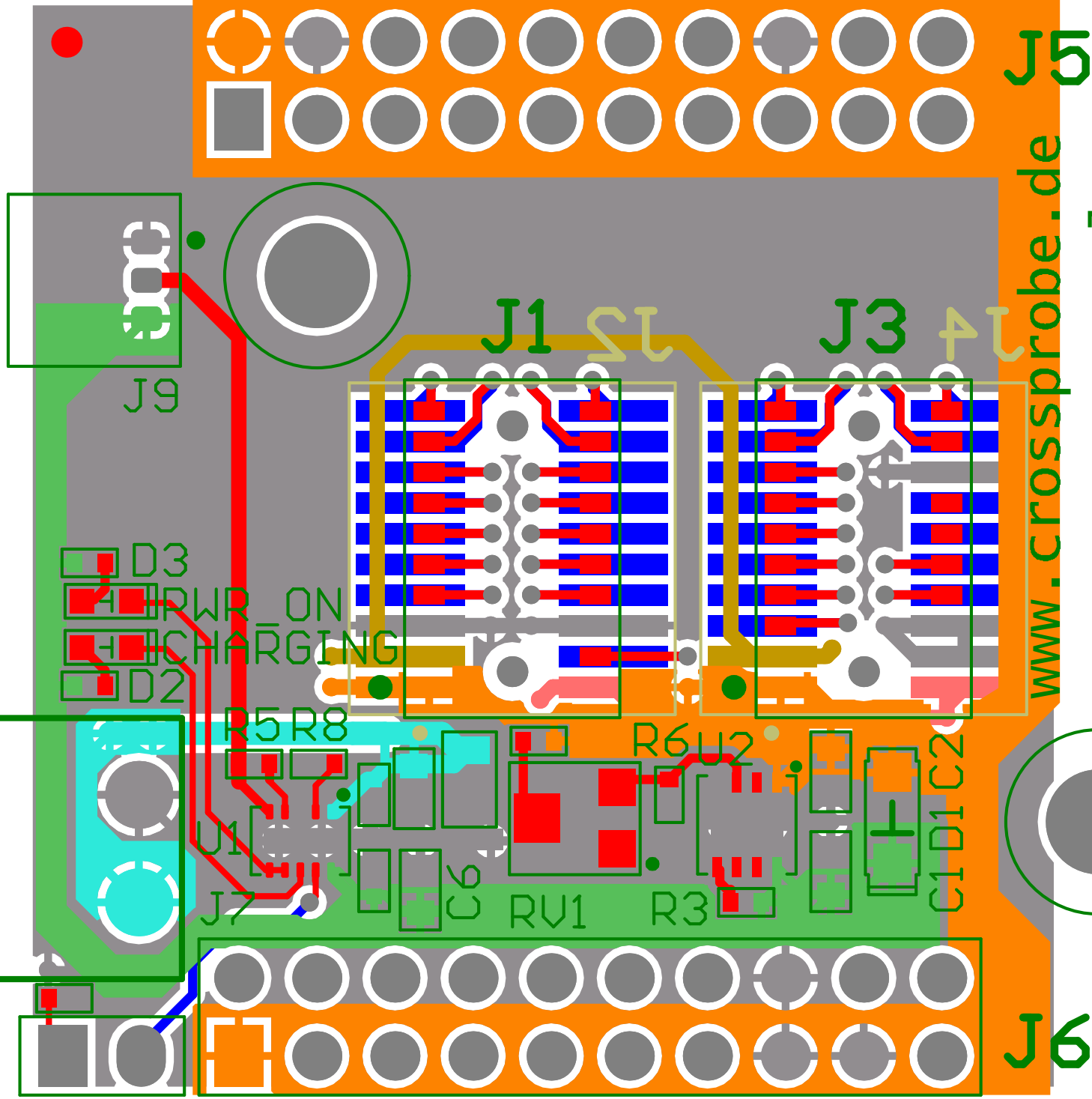
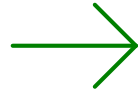


Title *			Crossprobe - Marten Ullrich		CROSSPROBE HARD- & SOFTWARE ENGINEERING
Size: A3	Number:1	Revision:1.0	Tannerstr. 2		
Date: 16.05.2018	Time: 22:53:07	Sheet 1 of 3	01099 Dresden		
File: CX_SolarBatteryModule_TopSheet.SchDoc			Germany		





J10



J5

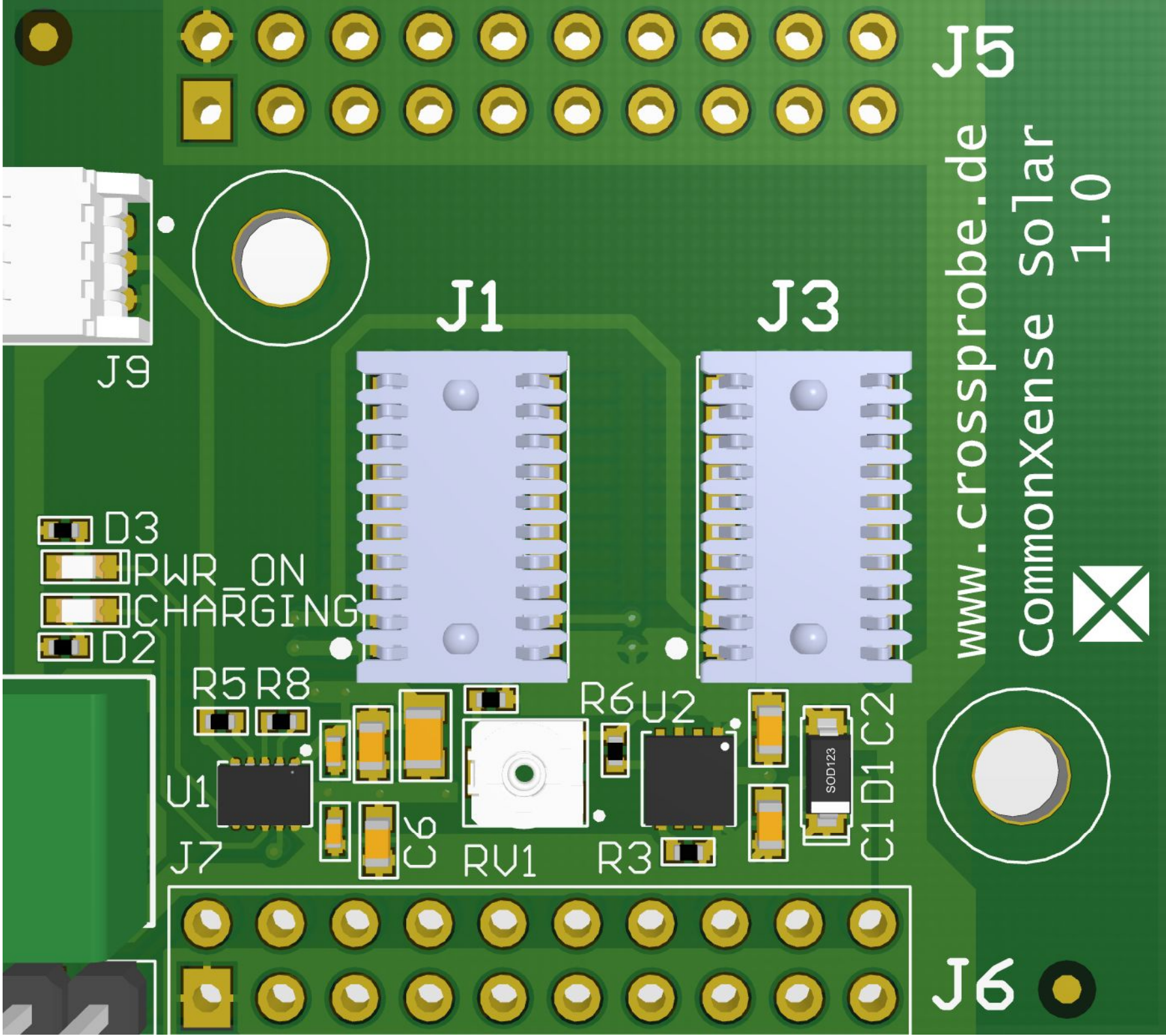
www.crossprobe.de

CommonXense Solar

1.0



J6



J9

D3
PWR_ON
CHARGING
D2

R5 R8

U1

J7

C6

RV1

R6 U2

R3

SOD123

C1 D1 C2

J1

J3

J5

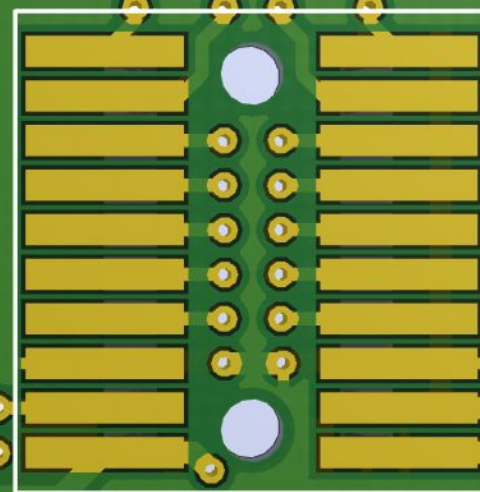
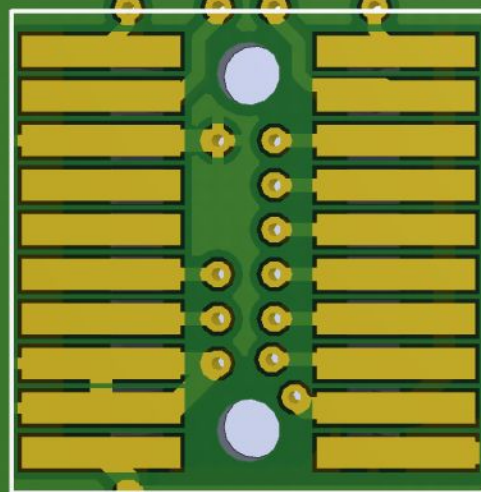
J6

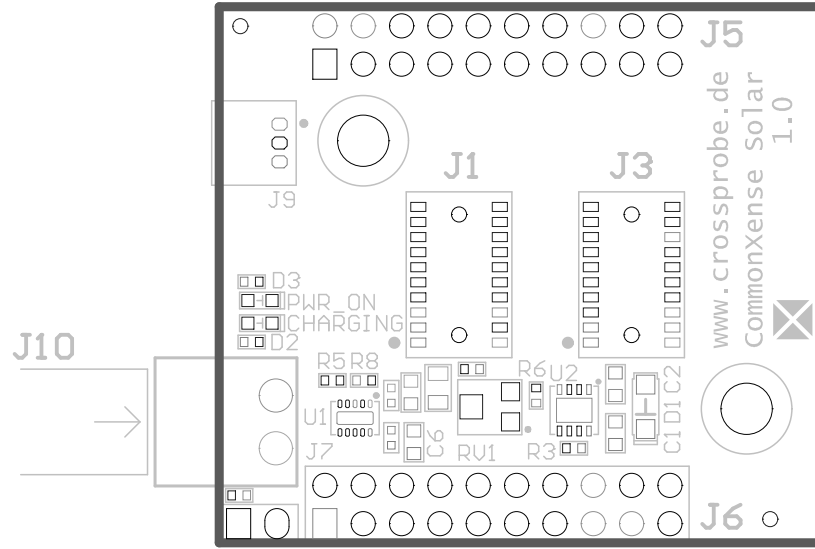
www.crossprobe.de
CommonXense solar
1.0

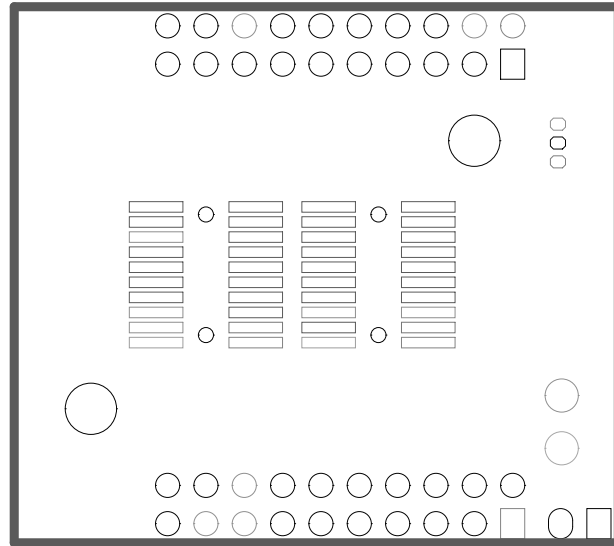


J4

J2







Design Rules Verification Report

Filename : C:\Users\Thomas\Documents_work\xp_projects\0022-commonxense-client\7000-Hardware\SolarBatteryModule\CX_SolarBattery.PcbDoc

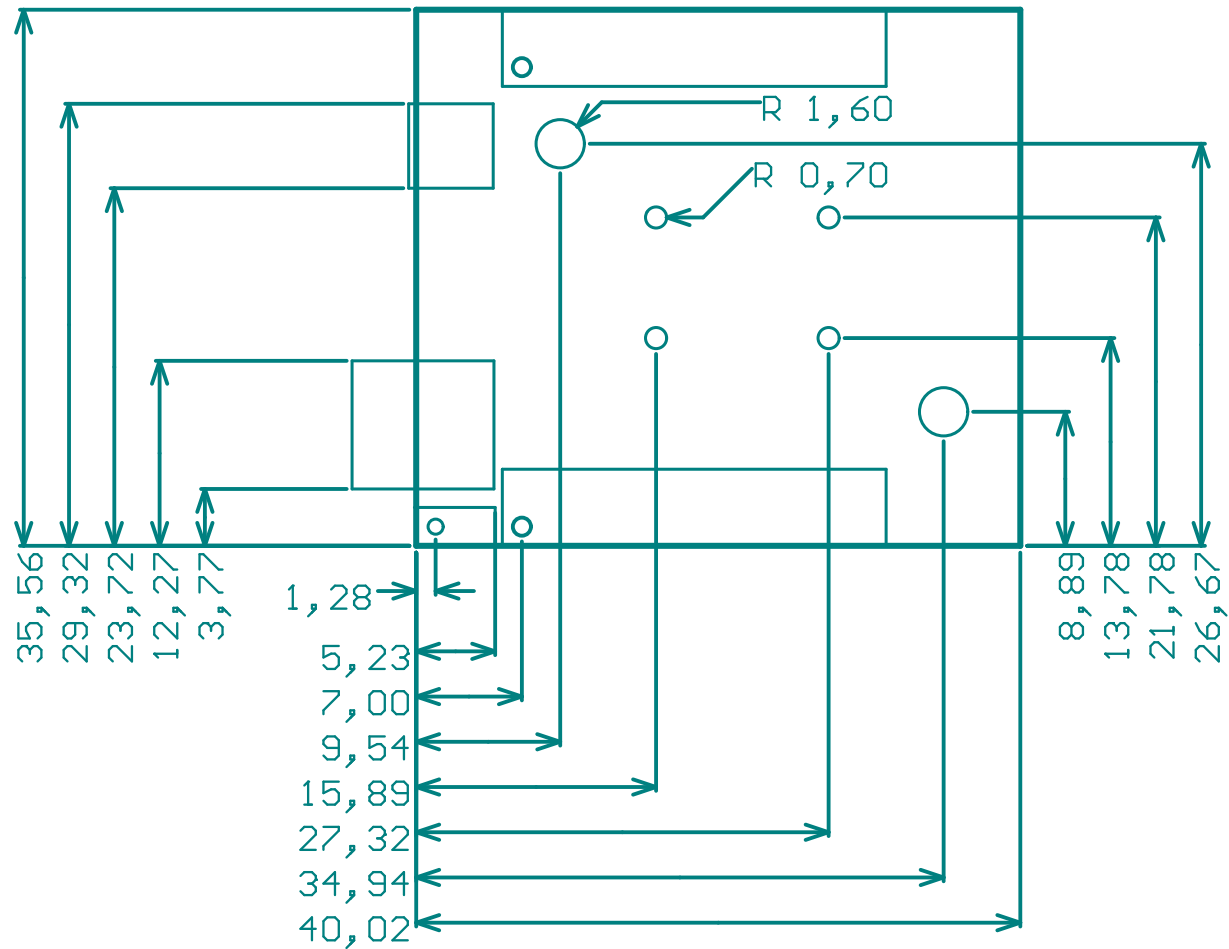
Warnings 0
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=0.254mm) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=0.2mm) (Max=1mm) (Preferred=0.3mm) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=0.508mm) (Conductor Width=0.254mm)	0
Hole Size Constraint (Min=0.025mm) (Max=5mm) (All)	0
Hole To Hole Clearance (Gap=0.254mm) (All),(All)	0
Minimum Solder Mask Sliver (Gap=0.1mm) (All),(All)	0
Silk To Solder Mask (Clearance=0.1mm) (IsPad),(All)	0
Silk to Silk (Clearance=0.1mm) (All),(All)	0
Net Antennae (Tolerance=0mm) (All)	0
Height Constraint (Min=0mm) (Max=25.4mm) (Preferred=12.7mm) (All)	0
Total	0

Mechanical Drawing

CommonXense Solar 1.0



units: mm

