

CommonXense

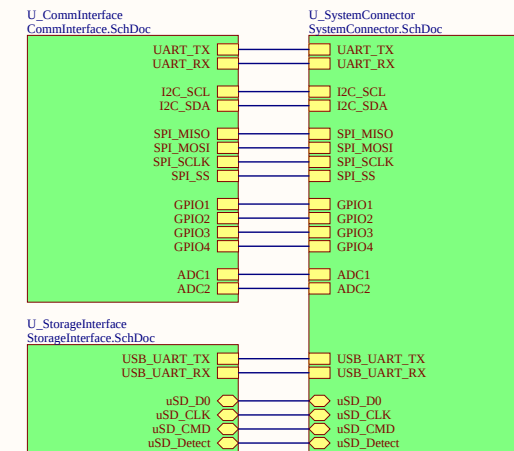
CX_Sensor

Date: 29.06.2018

Variant: Production
Revision: 1.0

Replace with Board Photo

Schematic Overview:



A

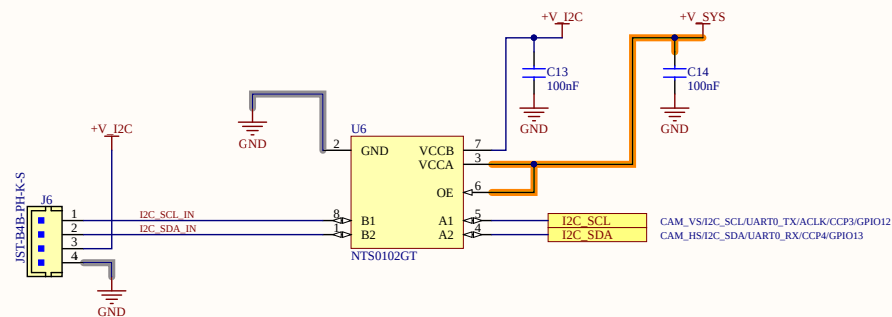
B



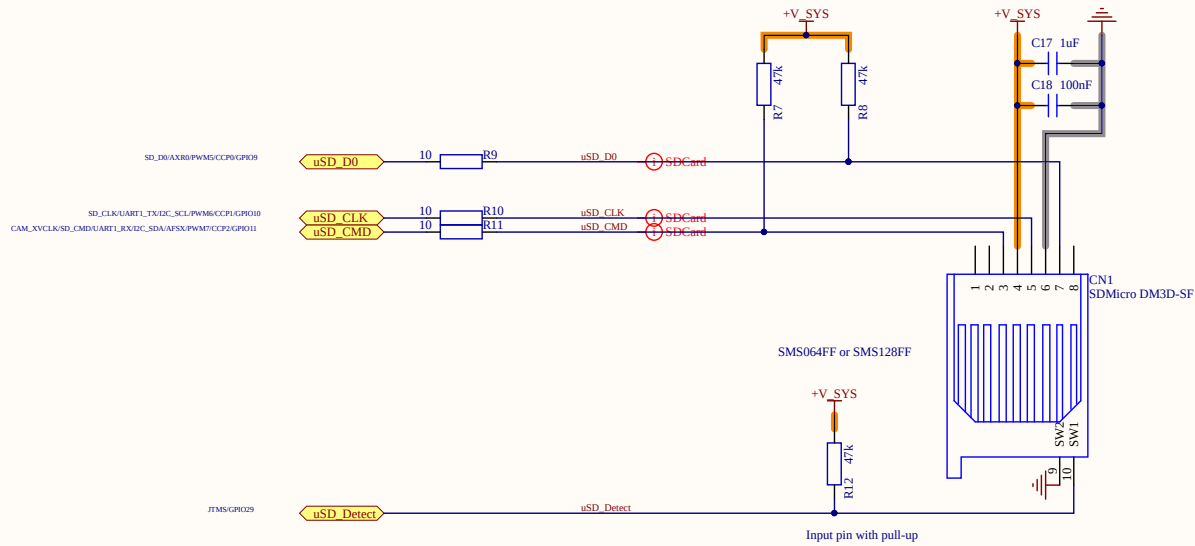
D



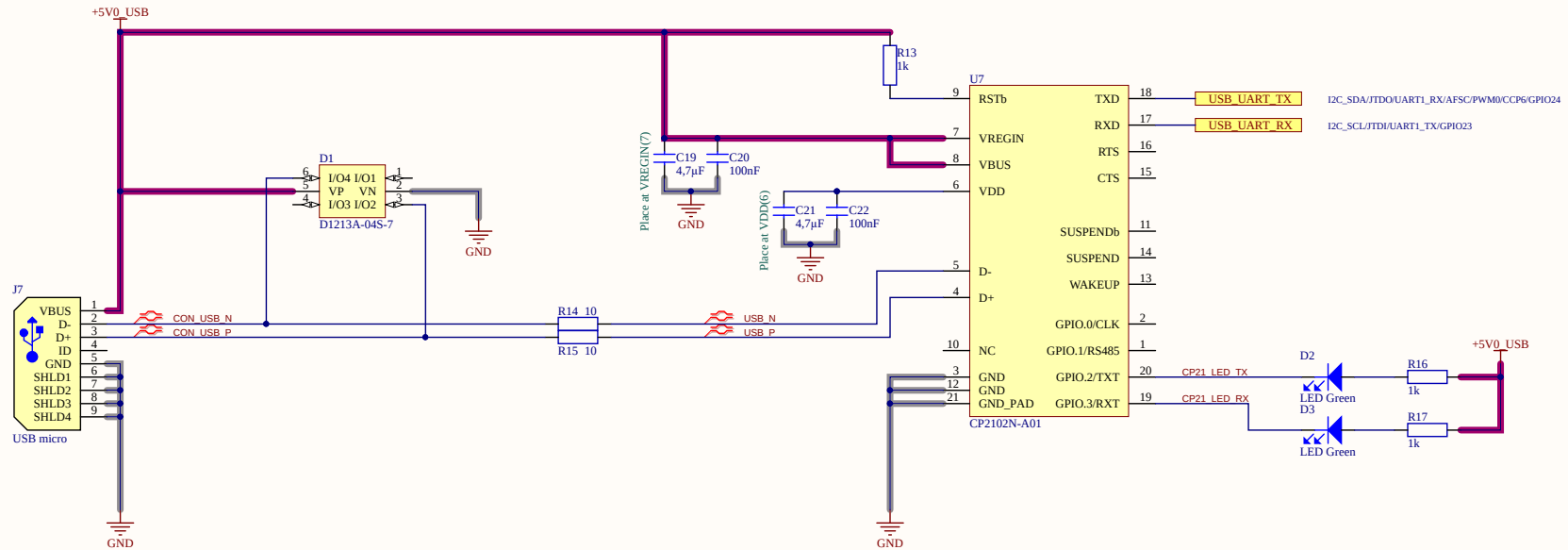
Title Sensor Interface			Crossprobe - Marten Ullrich	 HARD- & SOFTWARE ENGINEERING
Size: A3	Number: 2	Revision: 1.0	Tannenstr. 2 01099 Dresden	
Date: 29.06.2018	Time: 01:45:42	Sheet 2 of 4	Germany	
File: CommInterface.SchDoc				

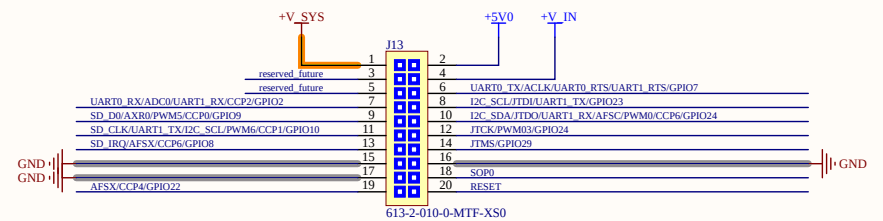
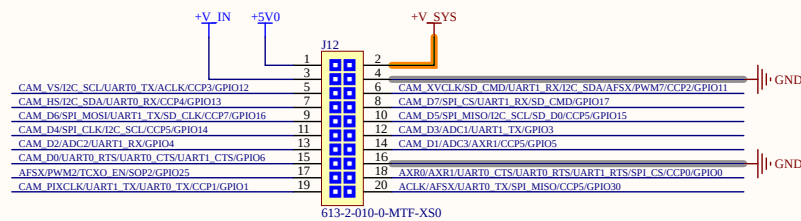
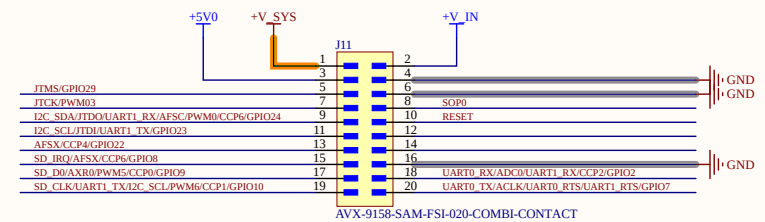
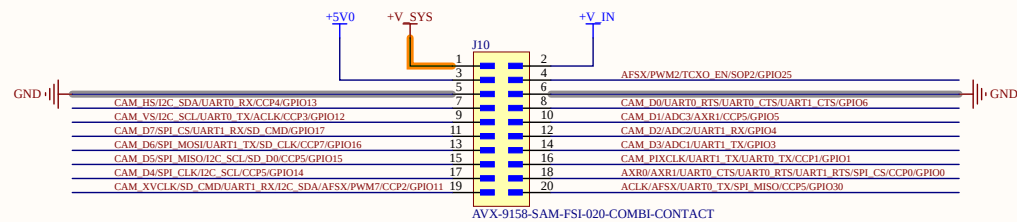
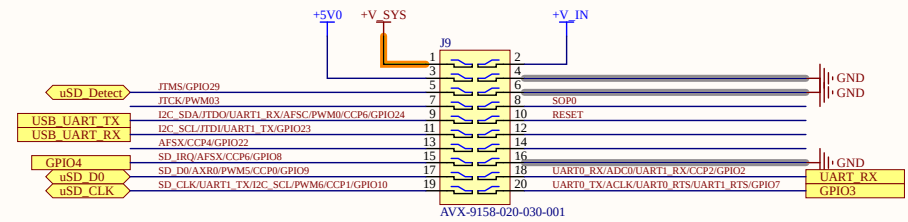
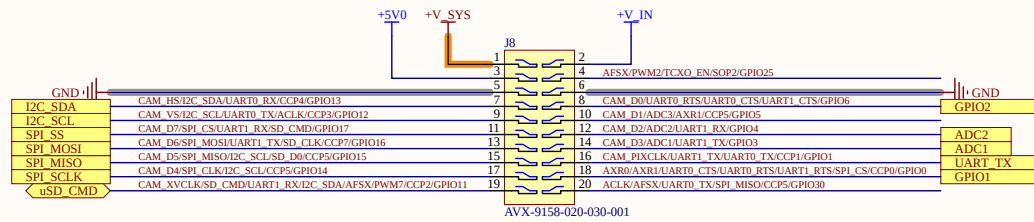


Micro SD Card



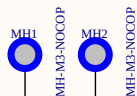
USB to UART Bridge



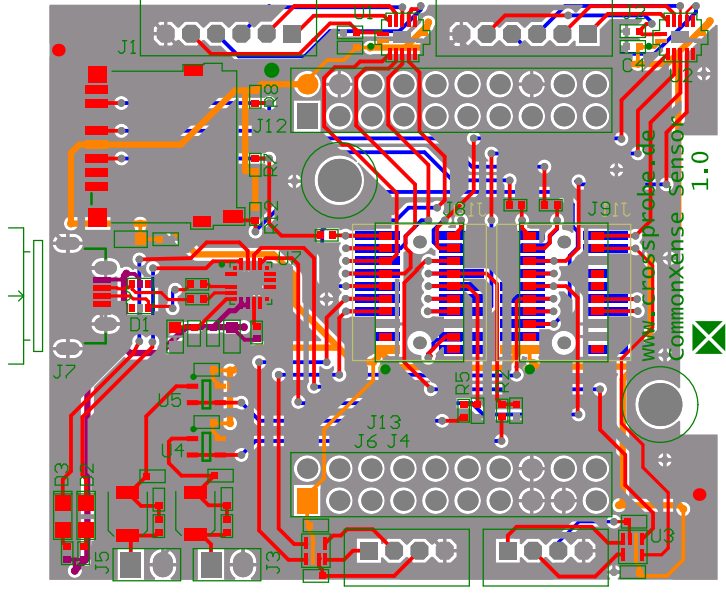


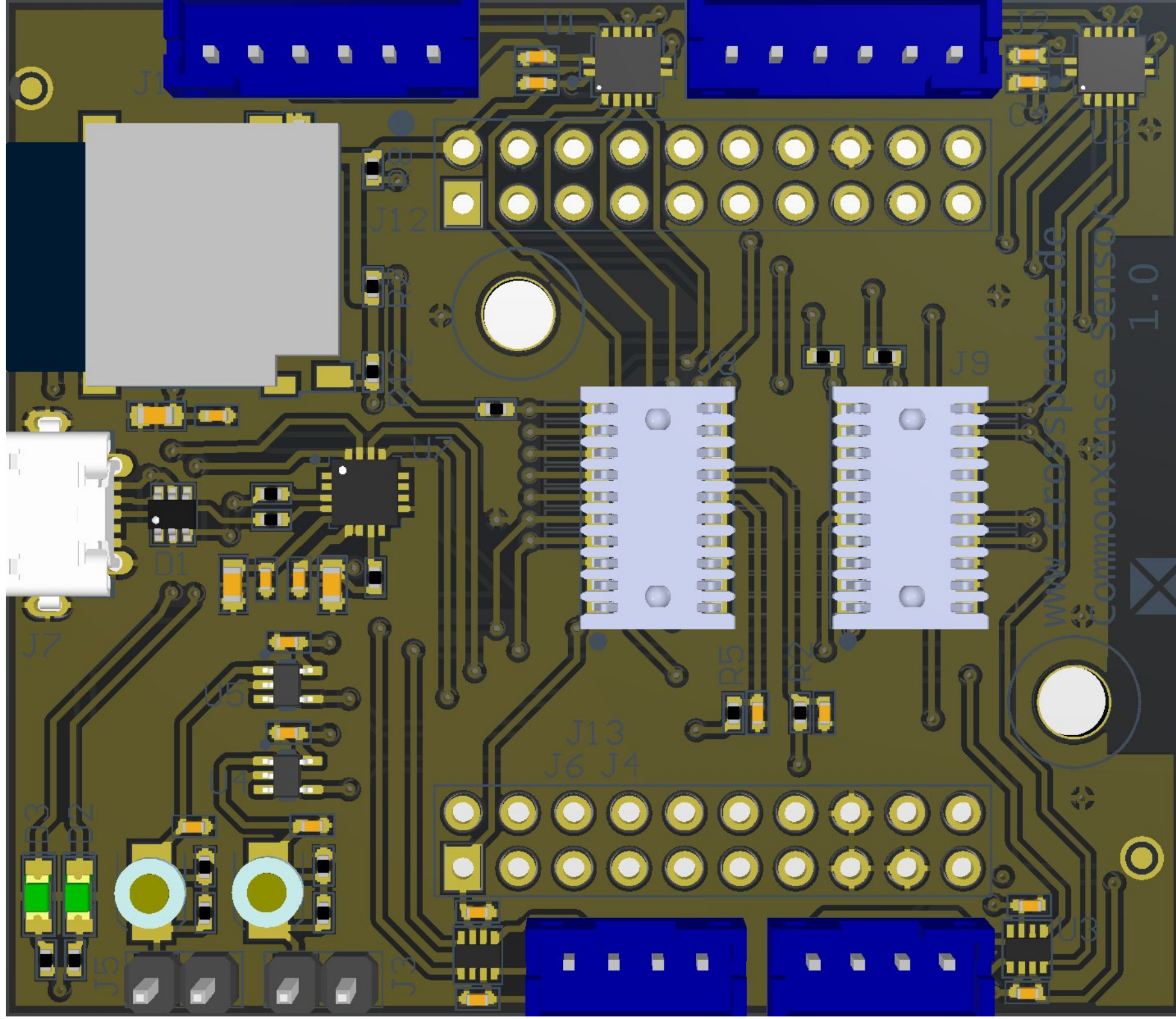
Mounting Holes

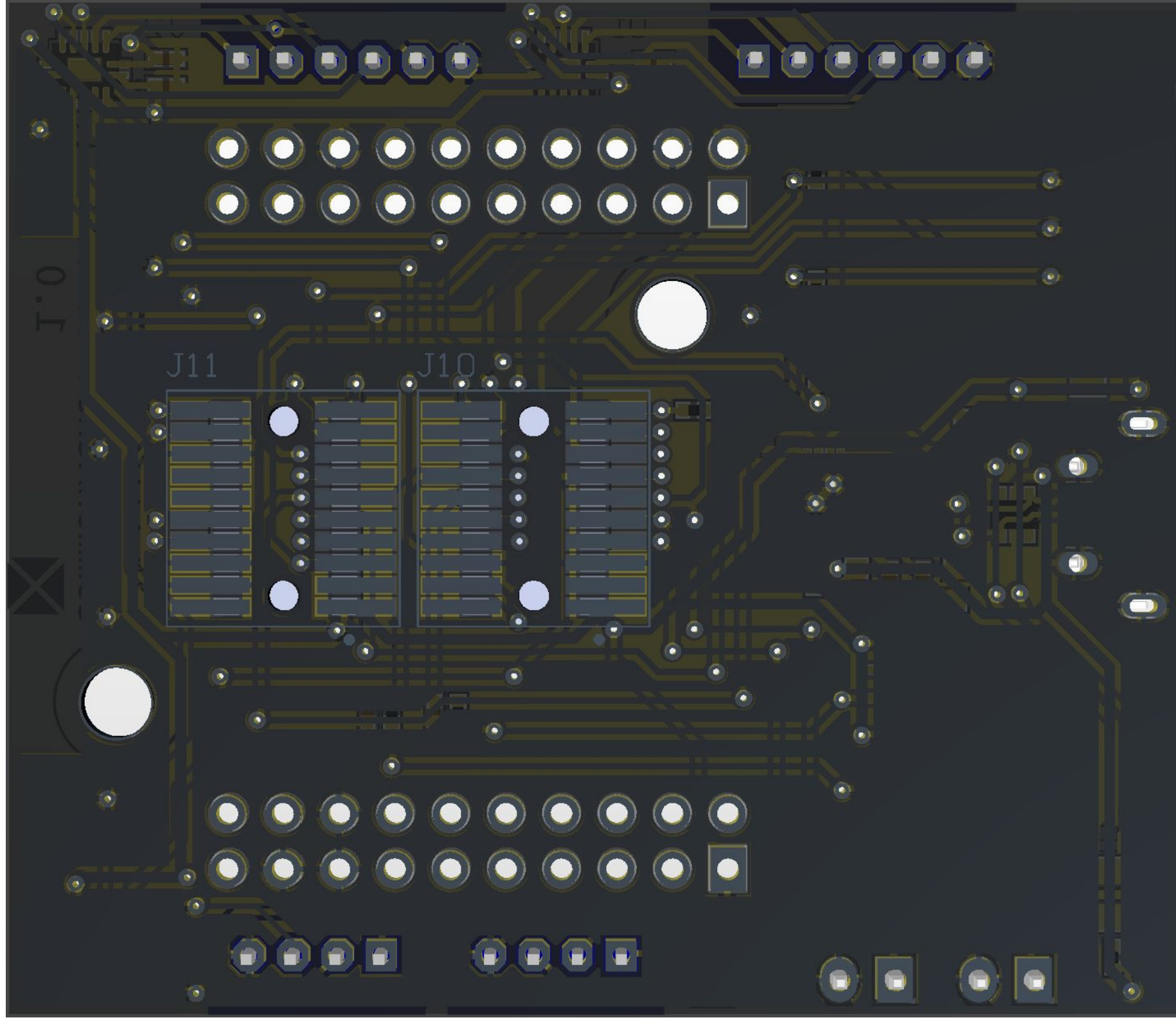
Fiducials

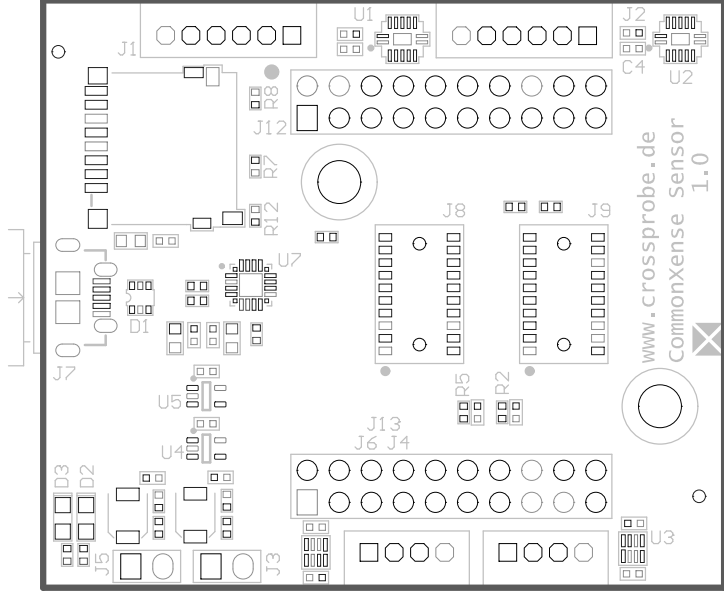


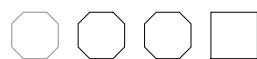
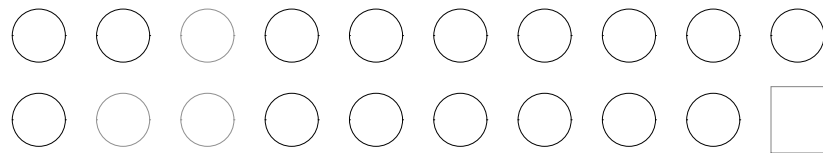
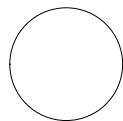
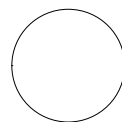
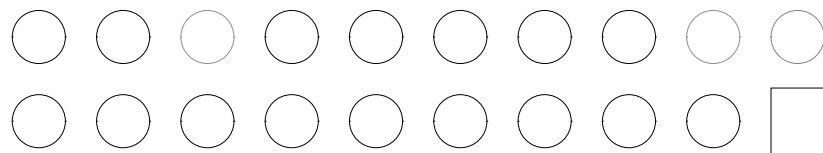
Title <i>System Connector</i>			Crossprobe - Marten Ullrich	 CROSSPROBE HARD - & SOFTWARE ENGINEERING
Size: A3	Number: 4	Revision: 1.0	<i>Tannenstr. 2</i> <i>01099 Dresden</i>	
Date: 29.06.2018	Time: 01:45:43	Sheet 4 of 4	<i>Germany</i>	
File: SystemConnector.SchDoc				











Design Rules Verification Report

Filename : C:\Users\Thomas\Documents_work\xp_projects\0022-commonxense-client\70

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	0
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 Solder Mask (Clearance=0.01mm) (HasFootprint('MicroSD')),(All)	0
Silk To Solder Mask (Clearance=0.01mm)	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 Sensor 1.0

