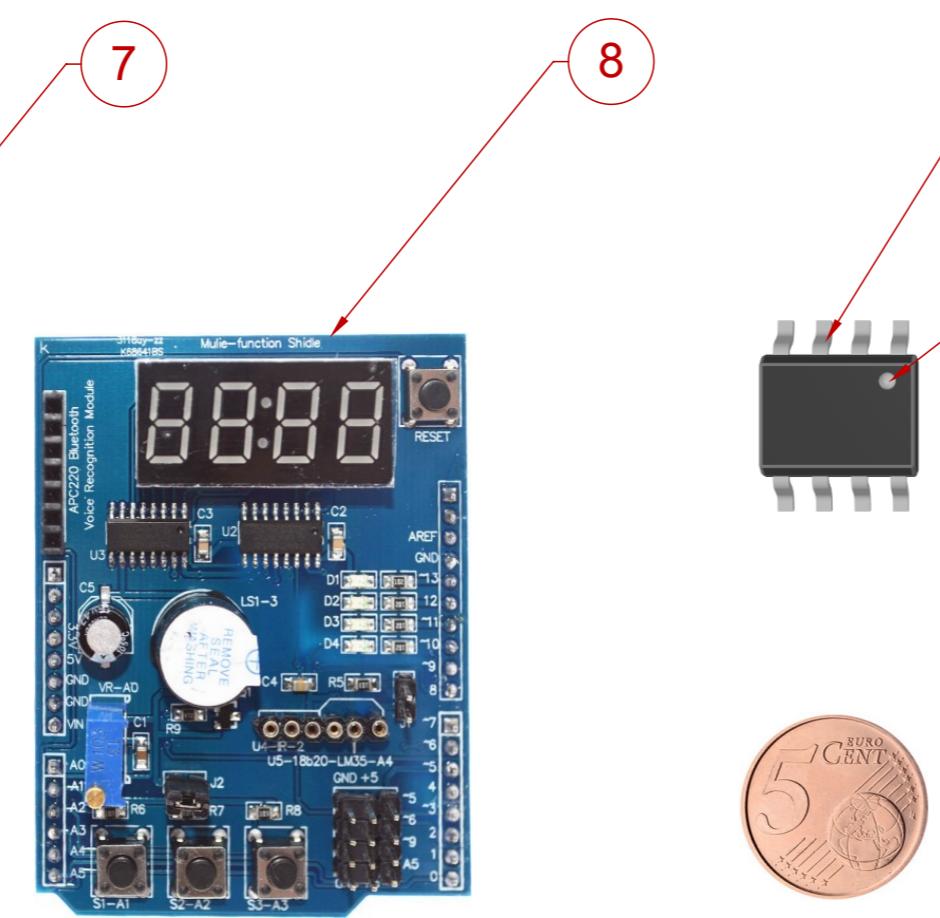
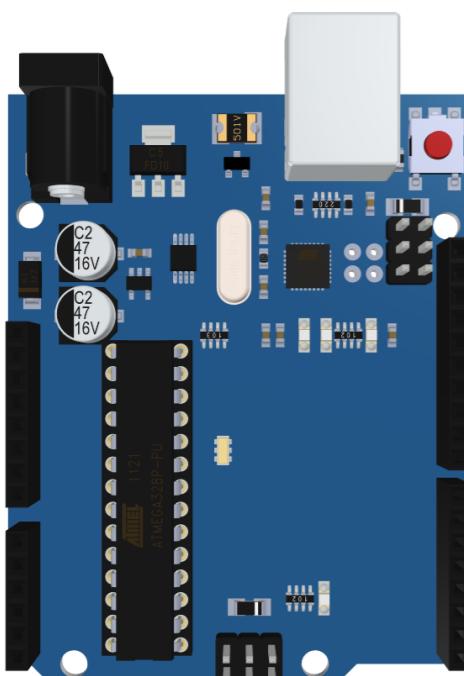
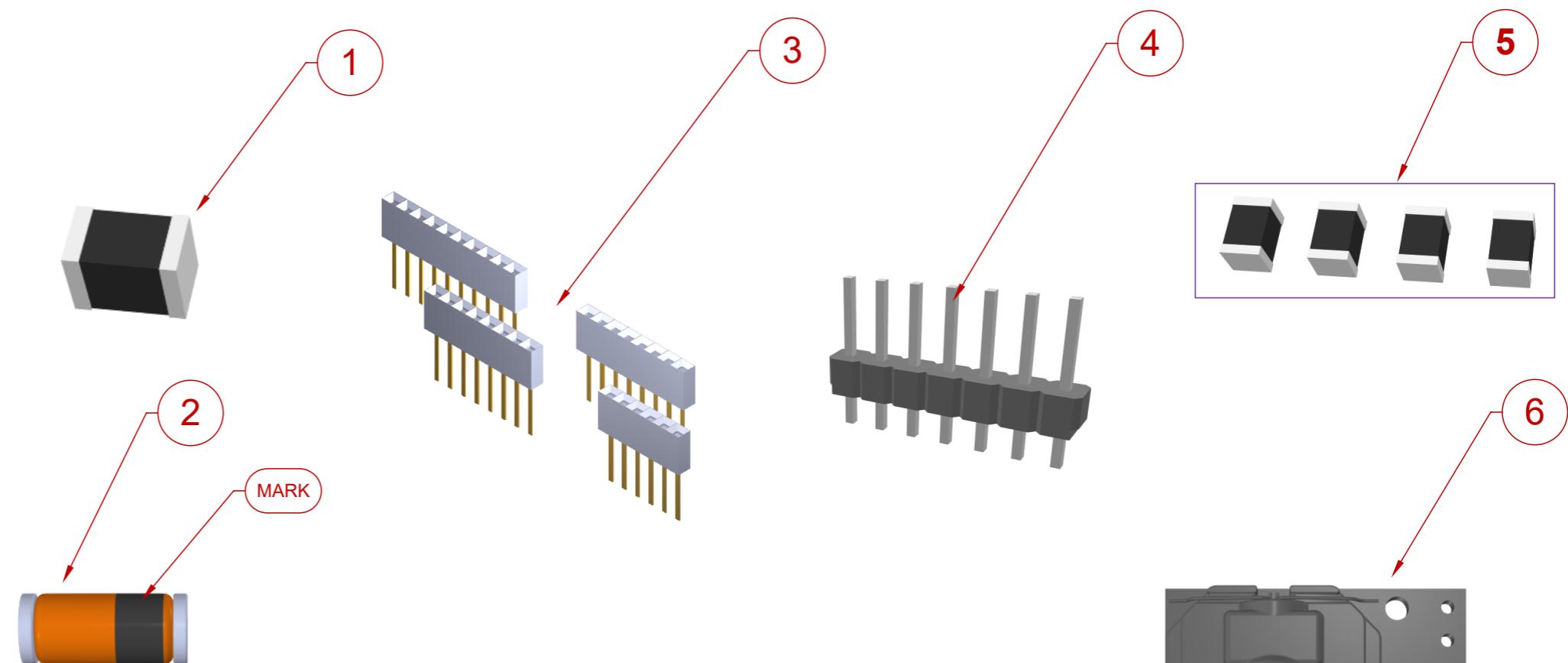
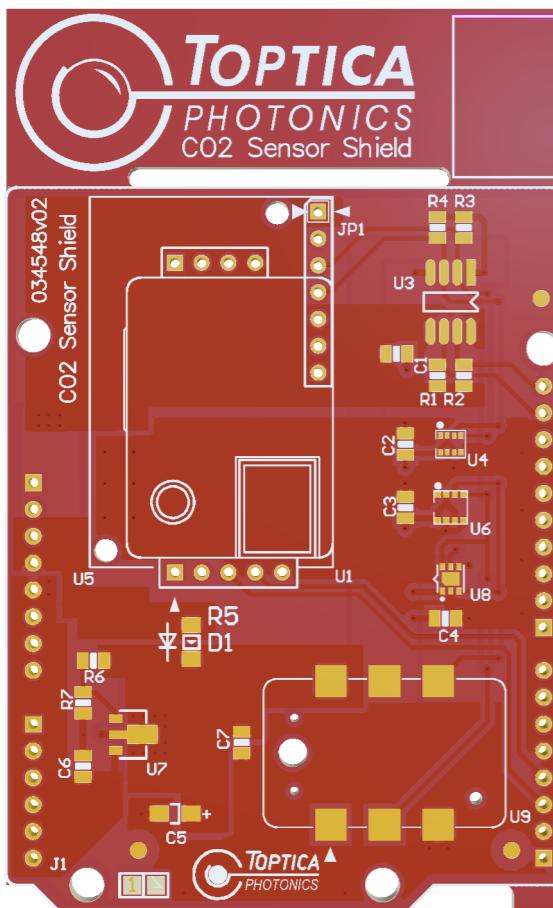
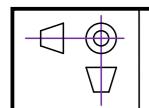


TOPTICA CO2 Leiterplatte



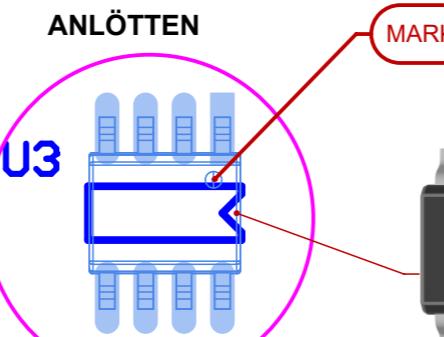
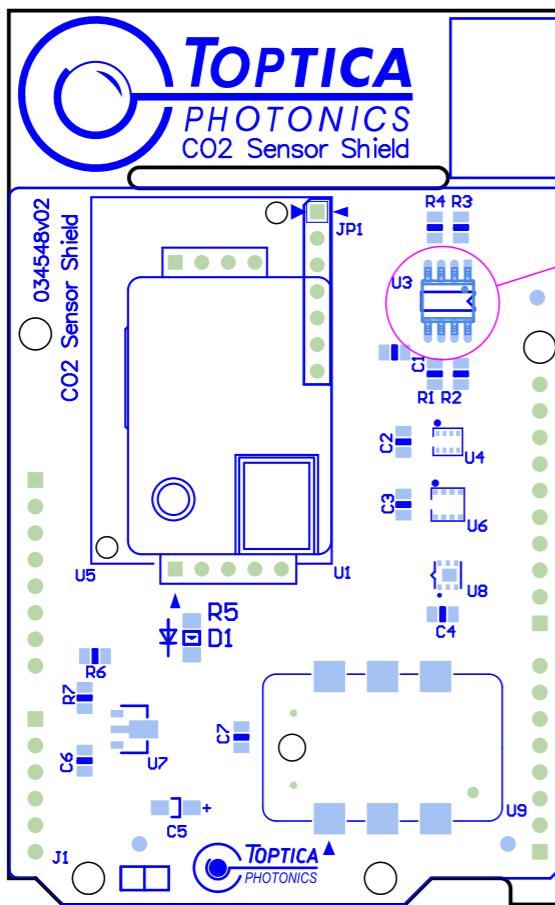
9	Level translating I2C-bus/SMBus repeater	Texas Instruments	TCA9517DR	U3	1
8	Leonardo Multi-Function Shield	Himalaya Selection	HIM01010	U10	1
7	Arduino UNO R3 ATMEGA328P Evaluation Board	Arduino	A000066	U2	1
6	CO2, Humidity and Temperature Sensor Module	Sensirion	SCD30	U1	1
5	Resistor 10k 1% 0805 0.125W	Yageo	RC0805-0710KL	R1, R2, R3, R4	4
4	Header 1 Row 7 Pin 8.6mm	Fischer Elektronik	SL 1 025 7	JP1	1
3	Arduino UNO R3 Header Kit	SparkFun Electronics	PRT-11417	J1	1
2	Small Signal Diode	Vishay	LL4148	D1	1
1	Ceramic Capacitor 100nF 50V 0805 X7R	AVX	08055C104KAT2A	C1	1

POS	DESCRIPTION	MANUFACTURER	P/N	DESIGNATOR	Qty
TOPTICA PHOTONICS					
Assembly Drawing for PCB CO2 Sensor Shield					
PART NUMBER:	ASSY VAR:	COMMENT:	Assembly Manual		
034548 v 02	B00				
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DRAWING NAME: CO2S_M-S1.PCDBdwf					DRAWN: G. Konorova
					DRAWN DATE: 2020-11-26
					PRINT DATE: 27.11.2020
					SIZE: A3
					SCALE: 1:1
					SHEET 1 of 5

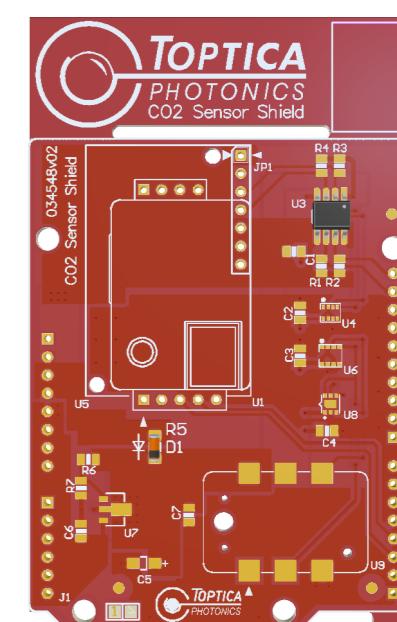
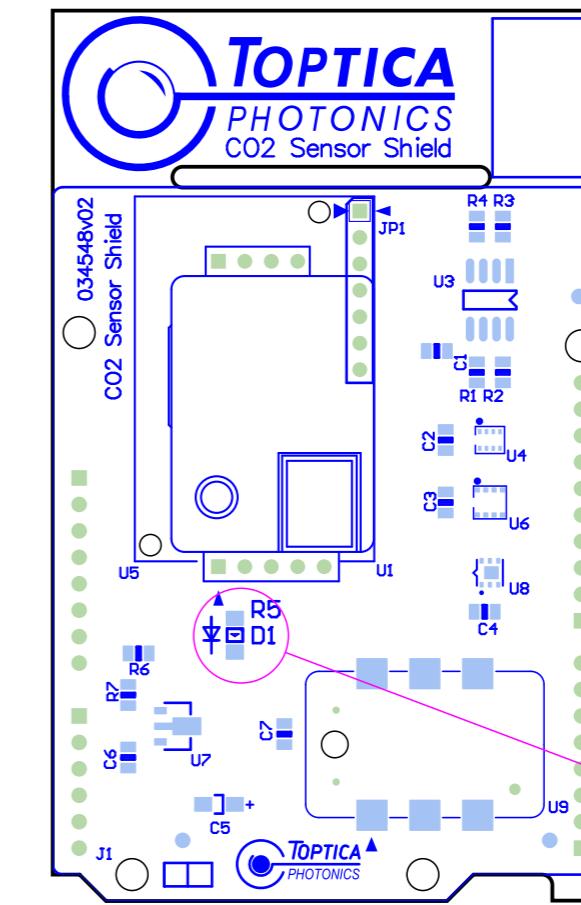


Top side

1

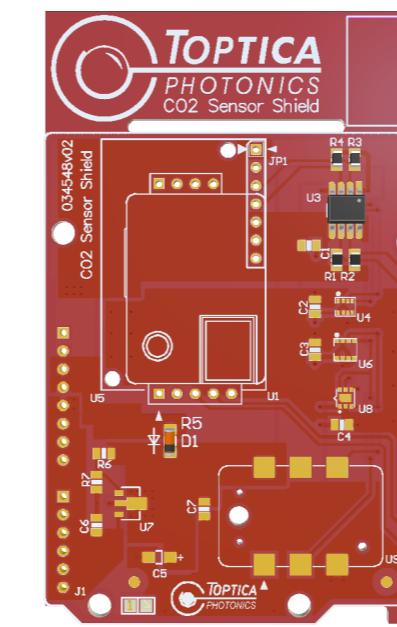
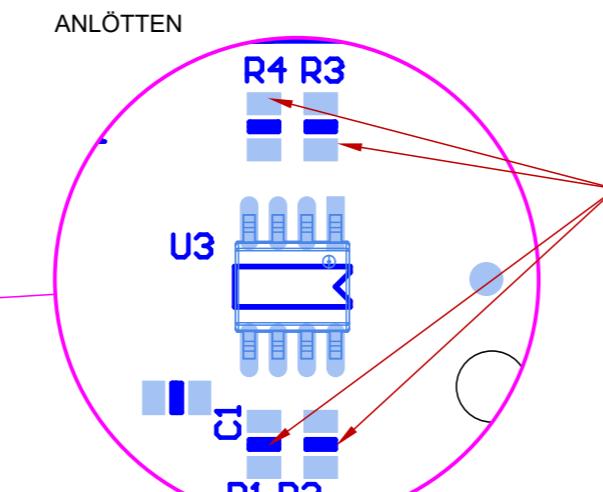
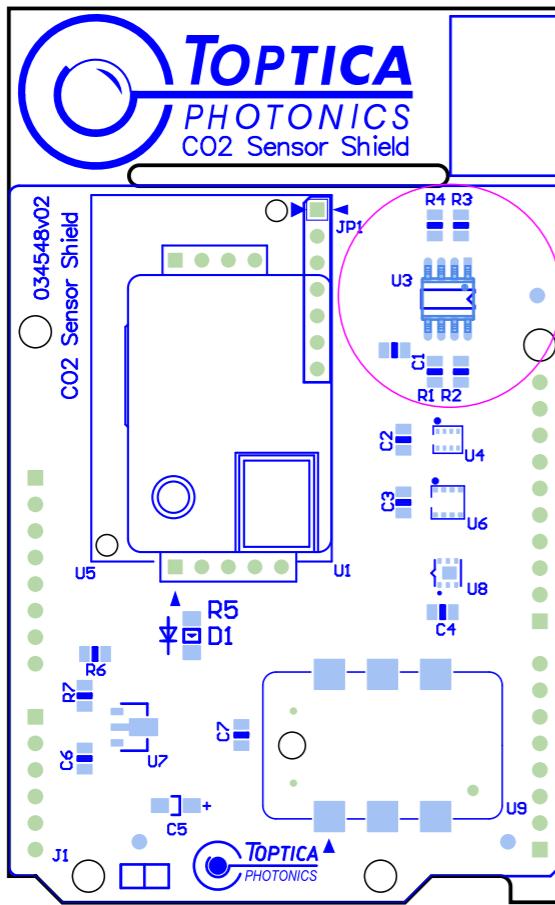


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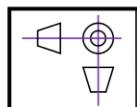
Top side

3



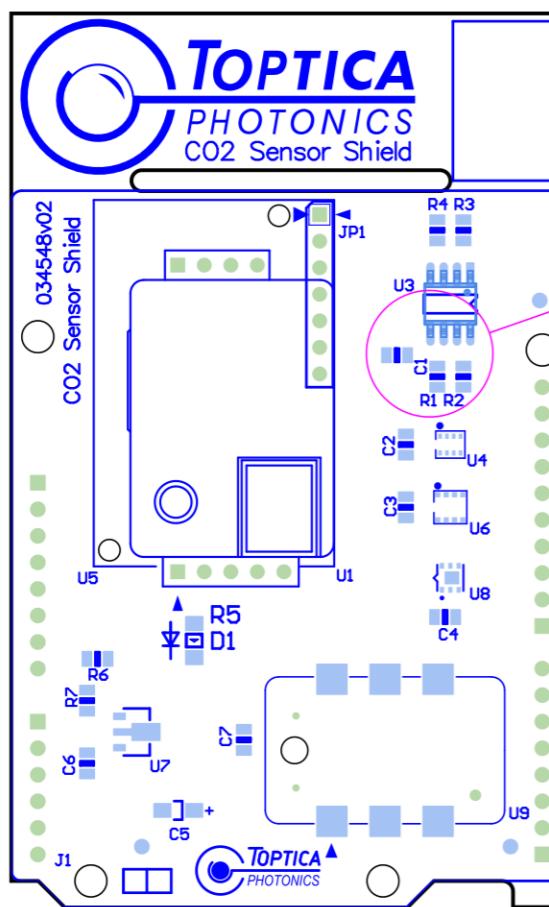
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POS	DESCRIPTION	MANUFACTURER	P/N	DESIGNATOR	Qty
	TOPTICA PHOTONICS			TITLE	Assembly Drawing for PCB CO2 Sensor Shield
		TOPTICA Photonics AG Lochhamer Schlag 19 82166 Graefelfing	PART NUMBER:	ASSY VAR:	COMMENT: Assembly Manual
			034548 v 02	B00	
	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TOPTICA Photonics AG. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF TOPTICA Photonics AG IS PROHIBITED.	DRAWING NAME:	CO2S_M-S2.PCDBdwf	DRAWN:	G. Konorova
				DRAWN DATE:	2020-11-26
		PRINT DATE:	27.11.2020	SIZE:	A3
		SCALE:	1:1	SHEET:	2 of 5



Top side

4

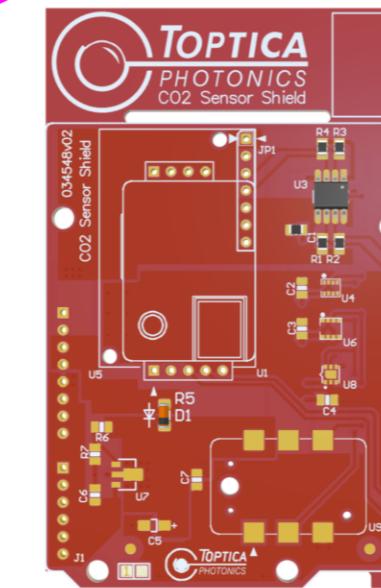


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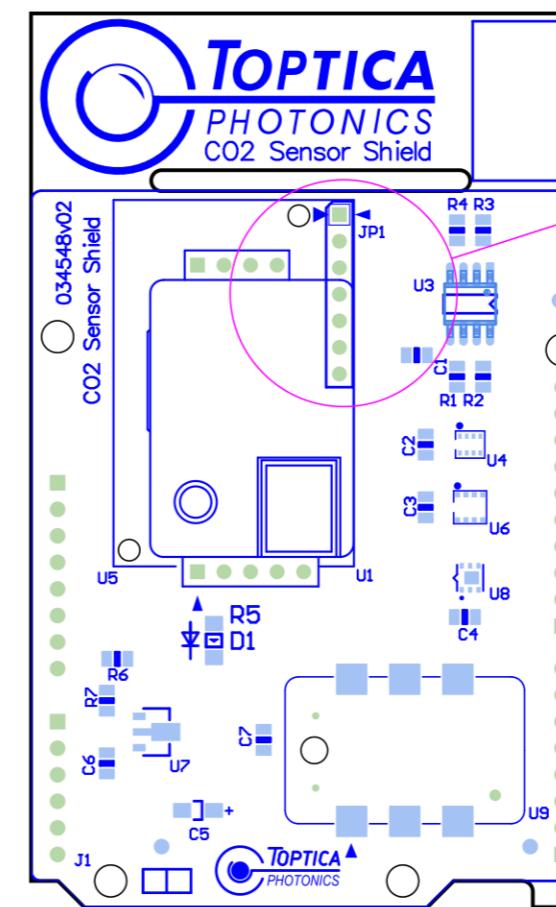


R1 R2

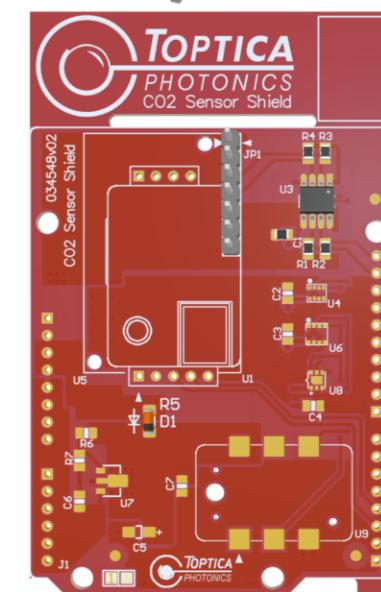
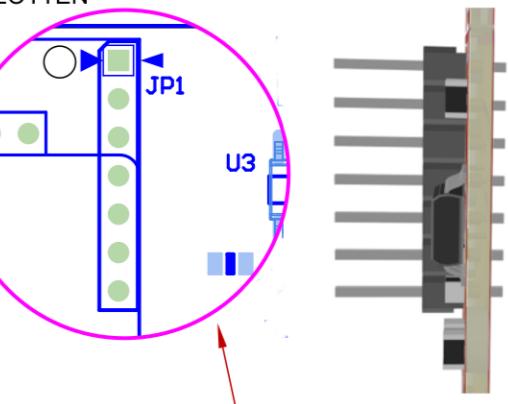
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Top side

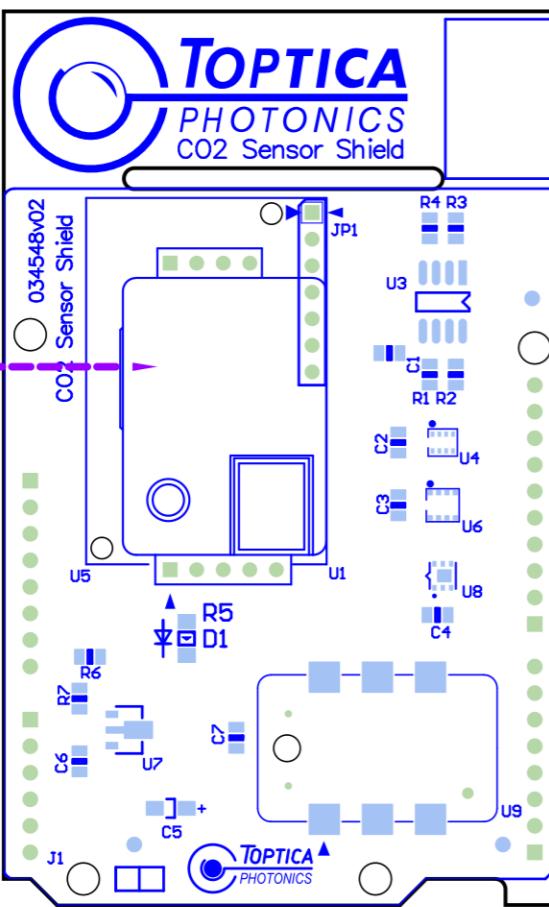


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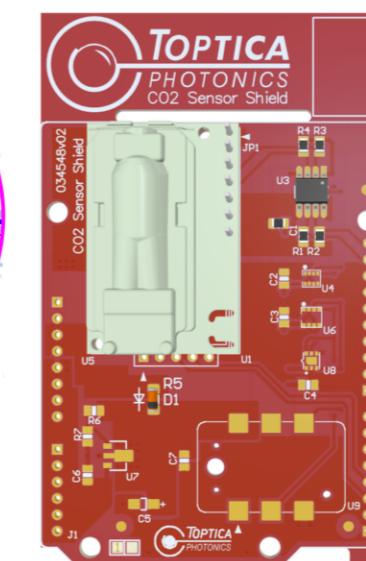
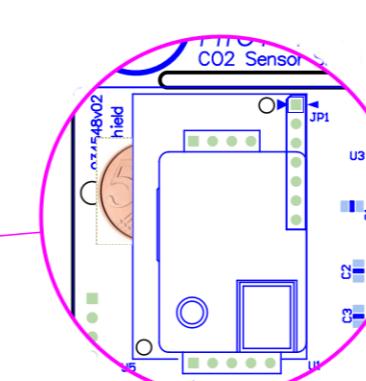
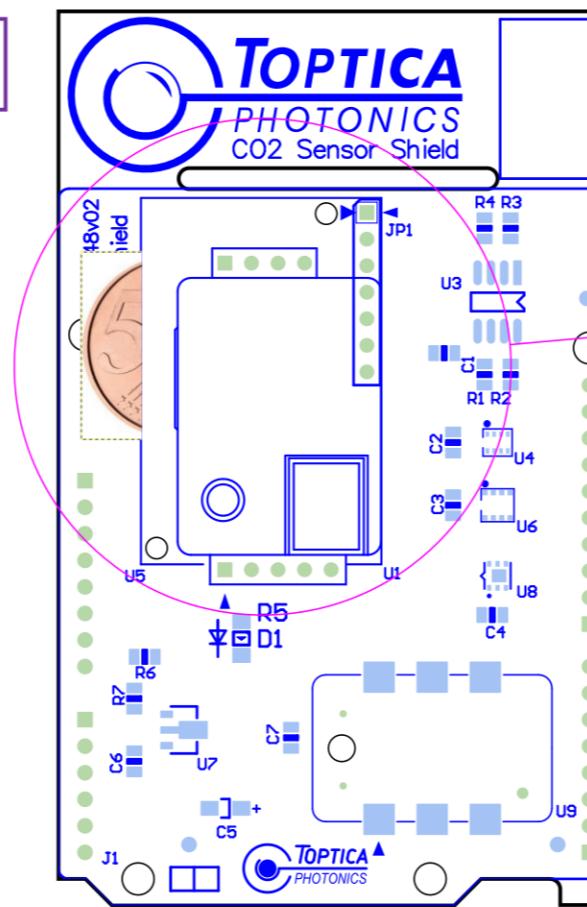


Top side

6a



6b



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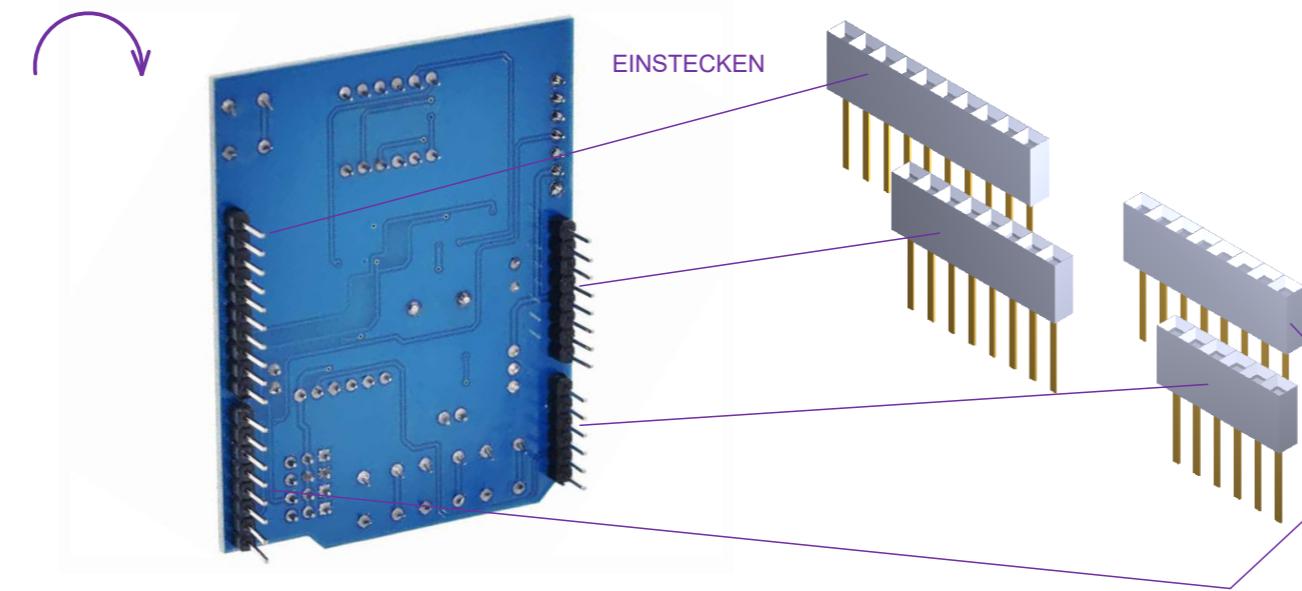


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TITLE		
Assembly Drawing for PCB CO ₂ Sensor Shield		
PART NUMBER:	ASSY VAR:	COMMENT:
034548 v 02	B00	Assembly Manual
DRAWING NAME:	CO2S_Mtmp.PCBDwf	DRAWN: G. Konorova
DRAWN DATE:	2020-11-26	PRINT DATE: 27.11.2020
SIZE: A3	SCALE: 1:1	SHEET 3 OF 5

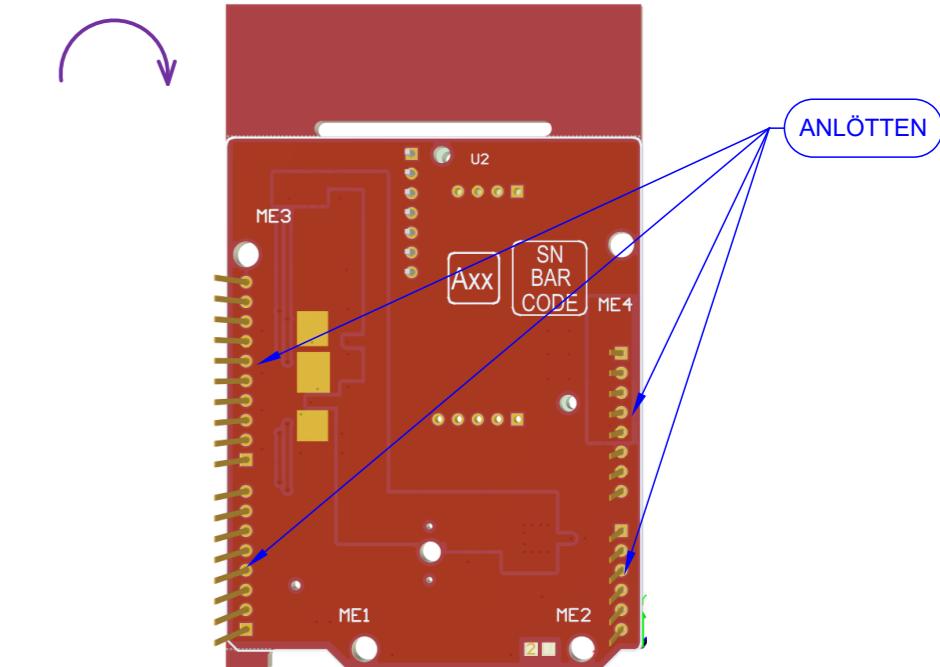
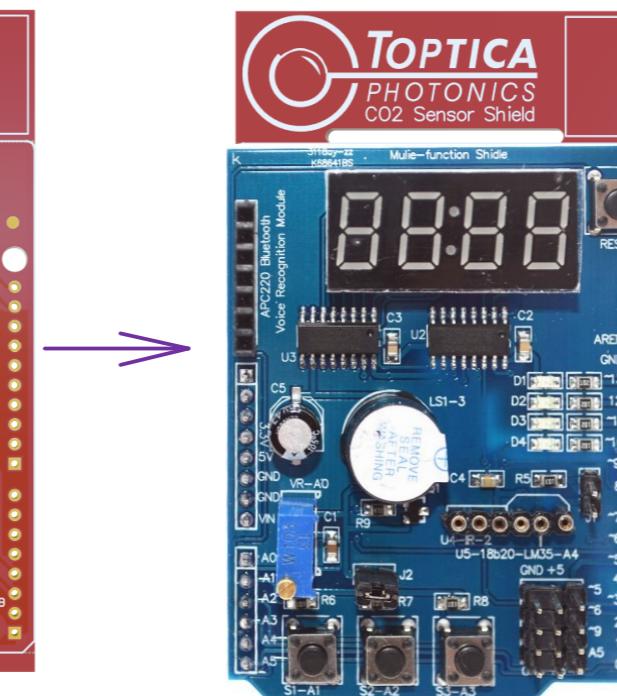
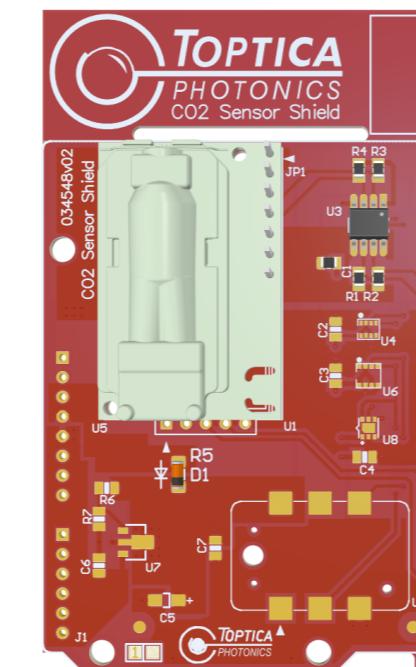
7a



7b

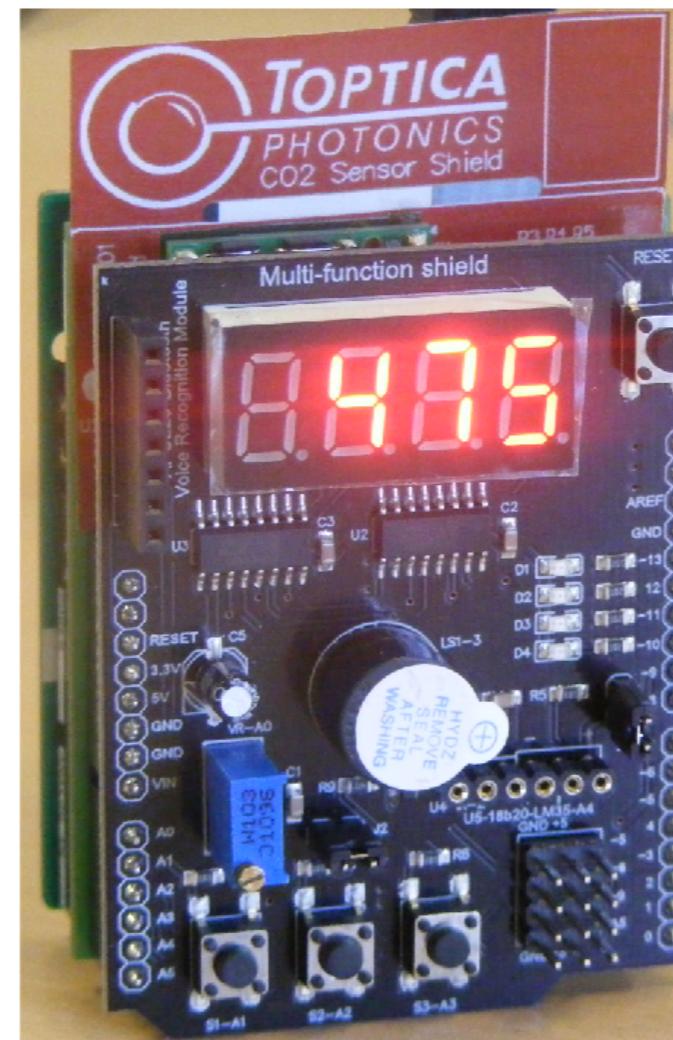
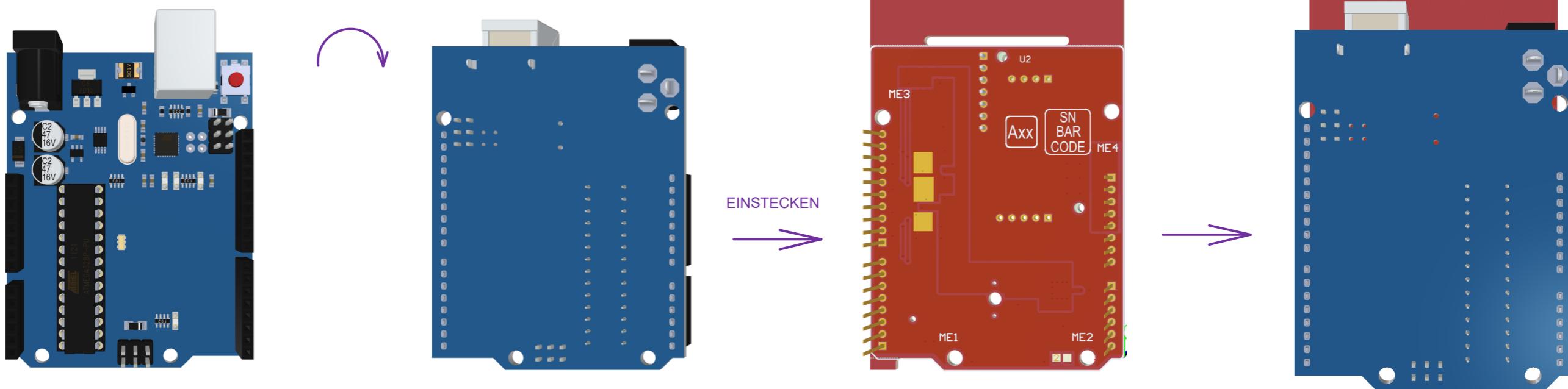


EINSTECKEN



TITLE Assembly Drawing for PCB CO2 Sensor Shield		
PART NUMBER: 034548 v 02	ASSY VAR: B00	COMMENT: Assembly Manual
DRAWING NAME: CO2S_M-S4.PCBDwf	DRAWN: G. Konorova	
	DRAWN DATE: 2020-11-26	
PRINT DATE: 27.11.2020	SIZE: A3	SCALE: 1:1
SHEET 4 of 5		

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Assembly Drawing for PCB CO2 Sensor Shield		
PART NUMBER:	ASSY VAR:	COMMENT:
034548 v 02	B00	Assembly Manual
DRAWING NAME:		DRAWN: G. Konorova
CO2S_M.PCDBdwf		DRAWN DATE: 2020-11-26
PRINT DATE: 27.11.2020		SIZE: A3
SCALE: 1:1		SHEET 5 OF 5