

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

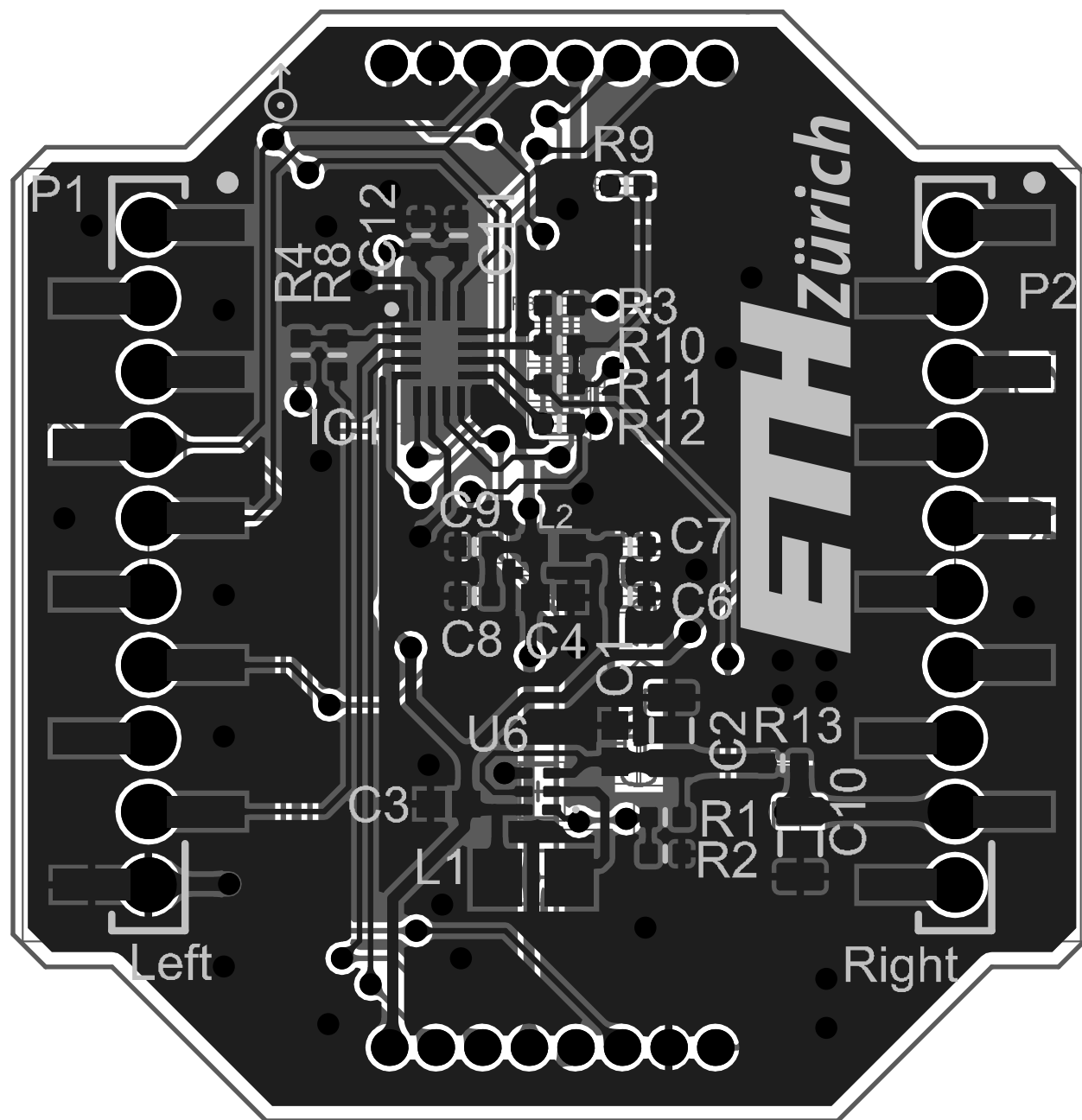
Project:  
TOF\_Deck

Drawing number: Master Project Rev: A  
Date: 12/22/2021 1:08:19 PM

Format: A4 Q Laboratory: PBL  
Drawn by: Iman Ostovar

Sheet: Deck.SchDoc  
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File: C:\Users\topolonelli\Documents\Matrix\_ToF\_Drones\_public\Hardware\ToF\_Drones\Deck.SchDoc



Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor 1 uF +/- 10%	Chip Capacitor, 1 uF, +	C1, C3, C4	CAPC1005X55X25ML5	CMP-001-00009-6	3
Capacitor 100µF +/-20%	Chip Capacitor, 100µF	C2, C5, C10	CAPC0805(2012)145_	CMP-001-00054-4	3
Capacitor 100nF +/-20%	Chip Capacitor, 100nF	C6, C7, C8, C9, C11, C1	CAPC0402(1005)60_L	CMP-001-00065-4	6
TLMS1100-GS08	Red Led, 20mA, 2.1 V,	DS1	VISH-TLMX1100_V	CMP-007-00030-2	1
TLMY1100-GS08	Yellow LED, 20 mA, 2.	DS2	VISH-TLMX1100-2_V	CMP-007-00031-2	1
TLMB1100-GS08	Blue LED, 10 mA, 3.9 V	DS3	VISH-TLMX1100-2_V	CMP-007-00028-2	1
TCA6408ARSVR	Integrated Circuit	IC1	QFN40P180X260X55-	TCA6408ARSVR	1
1.0uH 1A	1.0uH 1150mA	L1	INDC2013X105X50ML	CMP-006-00000-3	1
LQP15MN3N6B02D	Inductor, 500 MHz, 50	L2	MURA-LQP15MN3N6	CMP-006-00010-6	1
Left	Header, 10-Pin	P1	PCBComponent_1	MHDR1X10	1
Right	Header, 10-Pin	P2	PCBComponent_1	MHDR1X10	1
Sensor_F	Connector Header Th	P3	M50-3930842	CMP-01380-1	1
Sensor_B	Connector Header Th	P4	M50-3930842	CMP-01380-1	1
Resistor 47K5 +/-1 %	Chip Resistor, 47,5 kΩ	R1, R3, R4, R5, R6, R7	RESC0402(1005)_L	CMP-009-00137-3	6
Jumper 0402	Jumper 0402, Current	R2, R8, R9, R10, R11, R	RESC0402(1005)_L	CMP-009-00148-3	7
TPS62233DRYR	Buck Step Down Regu	U6	DRY0006A	CMP-0323-00281-3	1