Temperature Humidity Sensor

Raspberry Pi Connector

Button

7 Segment

Programming Interface

Shift Register

Microcontroller

Buzzer
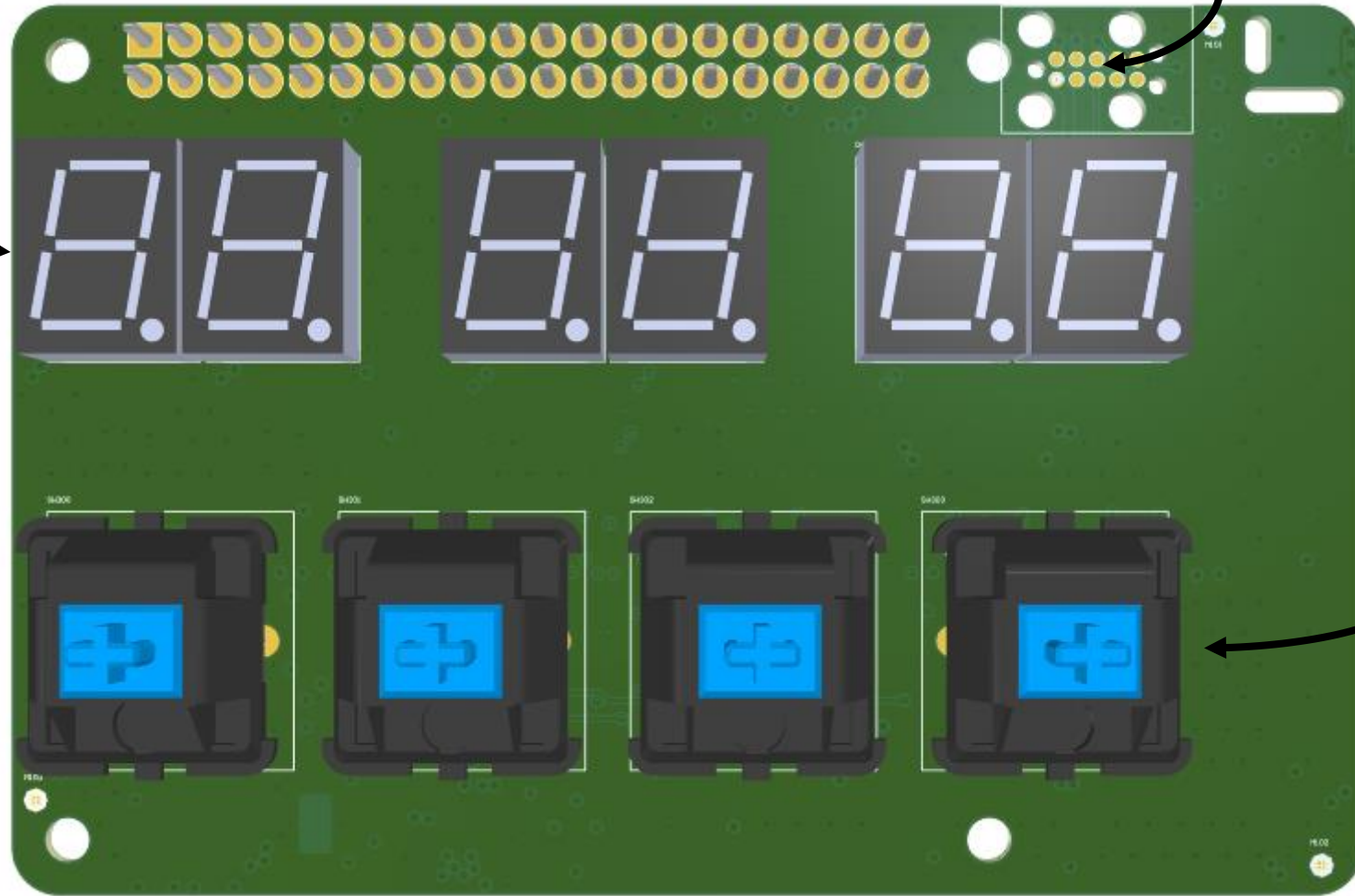
Designator	Quantity	Comment	Supplier	Supplier Part Number	Manufacturer	Manufacturer Part Number	Unit Price @ 100 CHF	Total Price @ 100 CHF
BUZ300	1	AST1240MLTRQ	DigiKey	458-1094-1-ND	Mallory Sonalert Products Inc.	AST1240MLTRQ	1.175	1.175
C300	1	CL05A106MP8NUB8	Digi-Key	1276-6830-1-ND	Samsung Electro-Mechanics	CL05A106MP8NUB8	0.1	0.1
C301-C308, C400-C405	12	GRM155R62A104KE14D	Digi-Key	490-10458-1-ND	Murata Electronics	GRM155R62A104KE14D	0.01	0.12
C305, C306	2	CC0402BRNPO9BN9R0	Digi-Key	311-1629-1-ND	Yageo	CC0402BRNPO9BN9R0	0.01	0.02
D400-D405	6	INND-TS40RCB	Digi-Key	1830-1155-ND	Inolux	INND-TS40RCB	0.32	1.92
J300	1	3220-10-0300-00	Digi-Key	1175-1629-ND	CNC Tech	3220-10-0300-00	0.47	0.47
J500	1	ESW-120-23-T-D	Digi-Key	2031-ESW-120-23-T-D-ND	Samtec Inc.	ESW-120-23-T-D	4.12	4.12
R300-R307, R400	9	RMCF0402FT4K70	Digi-Key	RMCF0402FT4K70CT-ND	Stackpole Electronics Inc	RMCF0402FT4K70	0.01	0.09
R401-R448	48	RMCF0402FT470R	Digi-Key	738-RMCF0402FT470RCT-ND	Stackpole Electronics Inc	RMCF0402FT470R	0.01	0.48
S300	1	KMR211GLFS	Digi-Key	401-1426-1-ND	C&K Components	KMR211GLFS	0.36	0.36
SW300-SW303	4	MX1A-E1NW	Digi-Key	CH197-ND	Cherry Americas LLC	MX1A-E1NW	1.05	4.2
U300	1	STM32L010C6T6	Digi-Key	497-19662-ND	STMicroelectronics	STM32L010C6T6	0.923	0.923
U301	1	SHT31-DIS-B	Digi-Key	1649-1011-1-ND	Sensirion	SHT31-DIS-B	2.74	2.74
U400-U405	6	SN74HCS264PWR	Digi-Key	296-SN74HCS264PWRCT-ND	Texas Instruments	SN74HCS264PWR	0.1	0.6
X300	1	ABS07-32.768KHZ-6-T	Digi-Key	535-11898-1-ND	Abracon LLC	ABS07-32.768KHZ-6-T	0.47	0.47
PCB	1		JLCPCB	pi_clock	JLCPCB	pi_clock	2.67	2.67
							Total	20.46