



## Bill of materials

Name of project :		Alarme pour fenêtre ouverte			Author :	Miguel Santos		PCB :	B	
N° of project :		2228			Date :	13.06.2023		Version :	1.0	
Description	Designator	Value	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	In stock	Price U.	Price total
Ceramic capacitor	C1	4.7µF	1	Würth Electronics	8,85012E+11	Digi-Key	732-7666-1-ND	No	0,36 CHF	0,36 CHF
Ceramic capacitor	C2	6.8µF	1	TDK	CGA4J1X7R0J685K125A C	Digi-Key	445-12777-1-ND	No	0,36 CHF	0,36 CHF
Ceramic capacitor	C3, C4	22pF	2	Würth Electronics	8,85012E+11	Digi-Key	732-7807-1-ND	No	0,09 CHF	0,18 CHF
Ceramic capacitor	C5, C6, C7	100nF	3	Würth Electronics	8,85012E+11	Digi-Key	732-8026-1-ND	Yes		
Ceramic capacitor	C8	10µF	1	Würth Electronics	8,85012E+11	Digi-Key	732-7620-1-ND	No	0,18 CHF	0,18 CHF
IQD FREQUENCY PRODUCTS - LFX TAL003151 REEL - CRYSTAL, 8MHZ, 16PF, 11.4 X 4.9MM	Q1		1	IQD	LFX TAL003151 REEL	Digi-Key	1923-1454-1-ND	Yes		
	R1, R2	5.1k	2	Stackpole Electronics	RMCF0805FT5K10	Digi-Key	RMCF0805FT5K10CT-ND	Yes		
	R3	100k	1	Stackpole Electronics	RMCF0805FT100K	Digi-Key	RMCF0805FT100KCT-ND	Yes		
	R4	1M	1	Stackpole Electronics	RMCF0805FT1M00	Digi-Key	RMCF0805FT1M00CT-ND	Yes		
	R5, R7, R8	10k	3	Stackpole Electronics	RNCP0805FTD10K0	Digi-Key	RNCP0805FTD10K0CT-ND	Yes		
	R6	1k	1	Stackpole Electronics	RNCP0805FTD1K00	Digi-Key	RNCP0805FTD1K00CT-ND	Yes		
WS-TASV SMD Tact Switch 6X6 mm	S1		1	Würth Electronics	4,30182E+11	Digi-Key	732-7004-1-ND	Yes		
	U1		1	Analog Devices	MAX1793EUE33+	Digi-Key	MAX1793EUE33+-ND	Yes		
	U2		1	Microchip	PIC32MX130F064B-I/SS	Digi-Key	PIC32MX130F064B-I/SS-ND	Yes		
	U3		1	Nordic Semiconductor	NRF52840-DONGLE	Digi-Key	1490-1073-ND	No	8,99 CHF	8,99 CHF
Type C, 3 A, Right Angle, Surface Mount (SMT), Power-Only USB Receptacle	X1		1	CUI Devices	UJC-HP-3-SMT-TR	Digi-Key	2223-UJC-HP-3-SMT-CT-ND	No	1,04 CHF	1,04 CHF
	X2		1	Würth Electronics	61300611121	Digi-Key	732-5319-ND	Yes		
	X3, X4		2	Würth Electronics	61300421121	Mouser	710-61300421121	Yes		
	X5, X6		2	Würth Electronics	61301411121	Digi-Key	732-5325-ND	Yes		
	X7, X8		2	mikroElektronika	MIKROE-4247	Mouser	932-MIKROE-4247	Yes		
									<b>Total</b>	<b>11,11 CHF</b>