

Bill of materials

Name of project : N° of project :		Alarme pour fenêtre ouverte 2228			Author:	Miguel Santos	3	PCB:	A
					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	Remarks
Ceramic capacitor	C1	4.7μF	1	Wurth Electronics		Digi-Key	732-7666-1-ND		
Ceramic capacitor	C2	6.8μF	1	TDK	CGA4J1X7R0J685K125 AC	Digi-Key	445-12777-1-ND		
Ceramic capacitor	C3, C4	22pF	2	Wurth Electronics	8,85012E+11	Digi-Key	732-7807-1-ND		
Ceramic capacitor	C5, C6, C7	100nF	3	Wurth Electronics	8,85012E+11	Digi-Key	732-8026-1-ND	Yes	
Ceramic capacitor	C8	10μF	1	Wurth Electronics	8,85012E+11	Digi-Key	732-7620-1-ND		
IQD FREQUENCY PRODUCTS - LFXTAL003151REEL - CRYSTAL, 8MHZ, 16PF, 11.4 X 4.9MM	Q1		1	IQD	LFXTAL003151REEL	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	Wurth 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		
Type C, 3 A, Right Angle, Surface Mount (SMT), Power-Only USB Receptacle	X1		1	CUI Devices		Digi-Key	2223-UJC-HP-3-SMT- CT-ND		
	X2		1	Wurth Electronics	61300611121	Digi-Key	732-5319-ND	Yes	
	X3, X4		2	Wurth Electronics	61300421121	Mouser	710-61300421121	Yes	
	X5, X6		2	Wurth Electronics	61301411121	Digi-Key	732-5325-ND	Yes	
	X7, X8		2	mikroElektronika	MIKROE-4247	Mouser	932-MIKROE-4247	Yes	