

Open.Thmeremin.UNO
Bill of Materials

Index	Qty	Typ	Housing	Order No Reichelt
IC1, IC2	2	4060D	SO16	SMD 4060
IC3	1	4069D	SO14	SMD 4069
IC4	1	4077D	SO14	SMD 4077
IC5, IC7	2	LM324D	SO14	LM 324 D SMD
IC6	1	MCP4921	SO08	MCP 4921-E/SN
C1, C2, C3, C4, C24, C25	6	33 pF	C-EUC0805	NPO-G0805 33P
C5, C6	2	100 pF	C-EUC0805	NPO-G0805 100P
C7	1	330pF	C-EUC0805	NPO-G0805 330P
C8	1	220 pF	C-EUC0805	NPO-G0805 220P
C9, C10, C13, C14	4	15nF	C-EUC0805	X7R-G0805 15N
C11, C12	2	1.5nF	C-EUC0805	X7R-G0805 1,5N
C16	1	10nF	C-EUC0805	X7R-G0805 10N
C15, C18, C19, C20, C21, C22, C23	7	100nF	C-EUC0805	X7R-G0805 100N
C17	1	100 uF	CPOL-EU153CLV-0505	VF 100/6,3 K-C
R1, R2	2	1 Mohm	805	SMD-0805 1,00M
R3, R4	2	470 Ohm	805	SMD-0805 470
R5, R6	2	4.7 Mohm	805	SMD-0805 4,7M
R7, R8, R23	3	10 kOhm	805	SMD-0805 10,0K
R9, R10, R11, R12, R21	5	2.2 kOhm	805	SMD-0805 2,20K
R13, R14, R15, R16, R17, R18	6	22 kOhm	805	SMD-0805 22,0K
R19, R20, R22	3	100 kOhm	805	SMD-0805 100K
R24, R25	2	390 Ohm	805	SMD-0805 390
Q1	1	7,372800 MHz	CSM-7X-DU	7,3728-HC49-SMD
Q2	1	8 MHz	CSM-7X-DU	8,0000-HC49-SMD
LED1	1	LED Green	LEDCHIPLED_0805	SMD-LED 0805 GN
LED2	1	LED Yellow	LEDCHIPLED_0805	SMD-LED 0805 GE
CT1, CT2	2	6.5-30 pF		6.5-30pF
L1, L2	2	1000 uH Inducotor	Farnell	CM453232-102JL
K1, K2	2		MJ4435-R	
PINS	1			SL 1X36G 2,54
S1	1	BUTTON		TASTER 9314
AR	1	Arduino UNO		
P1	1	Potentiometer 100kOhr	CIP20C-4MM	
PCB	1	Circuit Board UNO		