

BOM OpenTheremin V3				
Serial number	Amount	Package	Describe	Comments
U7	1	SOIC-14_N	MCP4922-E/SL	579-MCP4922T-E/SL
U4	1	SOIC-14_N	AC74HC74	771-74HC74D-T
U5	1	SOIC-14_N	CD4069	771-HEF4069UBTD-T
U2,U3	2	SOIC-16_N	74HC4060	771-74HC4060D-T ? / 2438691
U6	1	SOIC-08_N	MCP4921-E/SN	579-MCP4921T-E/SN
U8	1	SOIC-08_N	MCP6002 (LM358)	579-MCP6002T-I/SN
X1	1	Crystal_HC49-SD_SMD	8MHz	717-9C-8.000MAAJ-T
X2	1	Crystal_HC49-SD_SMD	7.3721MHz	717-9C-7.3728MAAJ-T
C2,C3, C9,C10	4	0805G	150pF	603-CC805JRNPO9BN151
C5, C12	2	0805G	470pF	603-CC805JRNPO9BN471
C15,C16,C17,C18	4	0805G	33pF	603-CC805JRNPO9BN330
C22	1	0805G	47nF	603-CC0805JR7BB473
C6,C13,C20,C21,C23, C24,C25,C26,C27,C28	10	0805G	100nF	603-CC805KRX7R8BB104
C29	1	0805G	10uF	603-CC805KRX5R5BB106
C1	1	0805G	220pF	603-CC805JRNPO9BN221
C8	1	0805G	330pF	603-CC805JRNPO9BN331
C4	1		do not assemble	
C11	1	0805G	10pF	603-CC805JRNPO9BN100
C7			do not assemble	
C14			do not assemble	
D1,D2	2	SOT-23	BB914	726-BB914E6327
D3	1	LED	LED square 5mm red	L-1553HDT (V 530)
D4	1	LED	LED square 5mm yellow	L-1553YDT (V 533)
L1,L2	2	COIL	1mH	810-NL453232T-102JPF
R1,R5,R11,R13	4	0805G	4.7M	603-RC0805FR-074M7L
R12,R14	2	0805G	470	603-RC0805FR-07470RL
R18,R19	2	0805G	270	603-RC0805FR-07270RL
R2,R6	2	0805G	2.2k	603-RC0805FR-072K2L
R17	1	0805G	2.2k	603-RC0805FR-072K2L
R3,R4,R7,R8,R15,R16	6	0805G	100k	603-RC0805FR-07100KL
SW1	1	SW_PUSH	Tactile Switches 12x12 SMT	706-95C12A4GWRT
P1,P2,P3,P4	4	POT	10k	652-PTV09A-4020UB103 (104)
Y7	1	PLUG3_5_SMD	Switchcraft, SMT 3.5 STEREO	502-35RASMT2BHNTRX
Y3, Y4, Y5, Y6	1	Pinheaders 2.54		SL 1X36G 2,54
	2	Antenna Plug Standard		BS 40SA RT
	2	Screw M3x10		BN1435.03010
	2	Nut M3		BN117 M3
	2	Washer		SKZ 3,2-100
U1	1	ArduinoUNO	Arduino_UNO_R3	
	1	PCB	OpenTheremin PCB V3	