



Title		
Size	Number	Revision
A4		
Date:	02/03/2023	Sheet of
File:	C:\Users\...\Simple Oscillator using NE555P\Firer.docx	

Comment	Description	Designator	Footprint	LibRef	Quantity
22pF	50V 22pF NP0 ±5% 0402 Multilayer Ceramic Capacitors MLCC - SMD/SMT ROHS	C1	CAPC1005X55X25ML 05T05	CMP-2100-03590-1	1
22uF	-45°C~+105°C 2000hrs@105°C 22uF 5.9mm 20V 6.3mm ±20% SMD,D6.3xL5.9mm Aluminum Electrolytic Capacitors - SMD ROHS	C2	FP-OS-CON-SMT-C6- MFG	CMP-05428-000761-1	1
151053RS03000	White light Plugin,D=5mm Light Emitting Diodes (LED) ROHS	LED?	Type 5mm	CMP-1489-00007-1	1
9V/12V Battery Con	Header, 2-Pin	P1	HDR1X2	Header 2	1
Speaker Con	Header, 2-Pin	P2	HDR1X2	Header 2	1
20kΩ	50V Thick Film Resistors 62.5mW 20kΩ ±1% - 55°C~+155°C ±100ppm/°C 0402 Chip Resistor - Surface Mount ROHS	R1, R2	RESC1005X40X25NL0 5T10	CMP-2002-07501-1	2
47Ω	63mW Thick Film Resistors 50V ±1% ±100ppm/K - 55°C~+155°C 47Ω 0402 Chip Resistor - Surface Mount ROHS	R3	FP-CRCW0402-e3- MFG	CMP-2002-00028-2	1
TL1105AF160Q	6mm 1.4mm Round Button 50mA Straight 6mm SPST 12V Plugin,6x6mm Tactile Switches ROHS	S?	TL1105AF160Q	TL1105AF160Q	1
NE555P	4.5V~16V 0°C~+70°C 10mA DIP-8 Timers / Clock Oscillators ROHS	U1	P0008A	CMP-2000-04954-1	1
50kΩ	50kΩ ±10% Plugin Variable Resistors/Potentiome ters ROHS	VR1	3296W-1-503	3296W-1-503	1
5kΩ	5kΩ ±10% Plugin Variable Resistors/Potentiome ters ROHS	VR2	3296W-1-502	3296W-1-502	1