

Sheet1

ID	References	Description	quantity	package
1	555 DIP	Either LM555 or NE555	1	DIP8
2	1k	1/4W 5% or SMD1206	1	AXIAL-0.3
3	10uF capacitor 16V	Through Hole or SMD1206	2	RAD-0.1
4	TRIMMER-3362P 100K		1	TRIMMER_3362P
5	CON-USB-F		1	CONN_USB_MICRO-B
6	LED 3MM	Any colour, experiment with d	1	LED-3MM/2.54
7	BUZZER 3.3V		1	BUZZER-12MM-KIT
8	2.2K	1/4W 5% or SMD1206	1	AXIAL-0.3

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components	Manufacturer Part	Price	Supplier	Manufacturer
U1	LM555CN/NOPB	\$1.14	Digikey	Texas Instruments
R1	CF14JT1K00	\$0.10	Digikey	
C1,C2	ECA-1CM100I	0.44	Digikey	Panasonic
R2	CT6EP104	\$0.79	Digikey	Nidec Copal Electronics
USB1	10118192-0001LF	\$0.46	Digikey	Amphenol FCI
LED1	204-10UYC/S530-A3	C73643	Digikey	EVERLIGHT
SG1	PS1720P02	\$0.73	Digikey	TDK Corporatopm
R3		\$0.10	Digikey	

Part Number	link
LM555CNNS/NOPB-ND	https://is.gd/LQ14yq
CF14JT1K00CT-ND	https://is.gd/FQVfCi
P19513CT-ND	https://is.gd/PYEPtS
CT6EP104-ND	https://is.gd/uWeBSy
609-4613-1-ND	https://is.gd/A6V1SH
445-2527-ND	https://is.gd/3qDdhD