

BOM

Pipet
Rev. 1.1

1/31/2021

Qty.	Reference	Value	Component	Tol.	Note	Manufacturer	Part Number	Mouser Number	Price	Total
2	D1, D2	1N5819	Diode		SOD-123	Diodes Inc.	1N5819HW-7-F	621-1N5819HW-F	\$ 0.40	\$ 0.80
3	IC1, IC2, IC3	OPA4171	Op Amp		TSSOP	Texas Instruments	OPA4171AIPW	595-OPA4171AIPW	\$ 2.93	\$ 8.79
3	LED1, LED2, LED3	WP937EGW	LED		Bi-color	Kingbright	WP937EGW	604-WP937EGW	\$ 0.59	\$ 1.77
										\$ -
9	R2, R3, R4, R7, R8, R9, R12, R13, R14	51R	Resistor	1%	0603	Yageo	RC0603FR-0751RL	603-RC0603FR-0751RL	\$ 0.10	\$ 0.90
3	R5, R10, R15	1.0k	Resistor	1%	0603	Yageo	RC0603FR-071KL	603-RC0603FR-071KL	\$ 0.10	\$ 0.30
3	R1, R6, R11	10M	Resistor	1%	0603	Yageo	RC0603FR-1010ML	603-RC0603FR-1010ML	\$ 0.10	\$ 0.30
2	C1, C2	10uF	Pol. Capacitor	20%	S-V	Panasonic	EEE-1VA100WR	667-EEE-1VA100WR	\$ 0.24	\$ 0.48
6	C3, C4, C5, C6, C7, C8	100nF	Capacitor	10%	0603	AVX	06033C104KAT4A	581-06033C104KAT4A	\$ 0.09	\$ 0.54
										\$ -
1	JP1	10 Pos. 5X2	Header			Amphenol FCI	10129381-910001BLF	649-1012938191001BLF	\$ 0.27	\$ 0.27
12	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12	Thonkiconn	Jack			Thonk	PJ398SM		\$ 0.59	\$ 7.08
1			PCB			SoundFlask			\$ 6.00	\$ 6.00
1			Panel			SoundFlask			\$ 6.00	\$ 6.00
Total -										\$33.23