

Op Amp Buffer BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C7	1	KEMET	C320C104K5R5TA7317	0.1 μ F \pm 10% 50V Ceramic Capacitor X7R Radial	2.5mm Radial	THRU-HOLE	
2	C2 C3 C5 C6 C8 C9	6	Panasonic	ECA-1CM100I	10 μ F 16 V Aluminum Electrolytic Capacitor Radial	2.5mm Pitch	THRU-HOLE	
3	C1 C4	0						Do Not Install
4	J5 J6	2	Sullins	PREC002SAAN-RC	Connector Header Through Hole 2 position 0.1"	2POS	THRU-HOLE	
5	J1	1	Sullins	PREC006SAAN-RC	Connector Header Through Hole 6 position 0.1"	6POS	THRU-HOLE	
6	J4	1	CUI Devices	PJ-202A	Power Barrel Jack 2.10mm ID, 5.50mm OD	3POS	THRU-HOLE	
7	J2 J3	2	Neutrik	NMJ6HFD2	Phone Connector 6.35mm 3C STEREO 3-SPST NC	6 Pin	THRU-HOLE	
8	R4 R9	2	YAGEO	CFR-25JR-52-100R	RES 100 OHM 5% 1/4W AXIAL	Axial	THRU-HOLE	
9	R3	1	YAGEO	CFR-25JR-52-4K7	RES 4K7 OHM 5% 1/4W AXIAL	Axial	THRU-HOLE	
10	R1	1	YAGEO	CFR-25JR-52-8K2	RES 8K2 OHM 5% 1/4W AXIAL	Axial	THRU-HOLE	
11	R6 R8 R11 R12	4	YAGEO	CFR-25JR-52-10K	RES 10K OHM 5% 1/4W AXIAL	Axial	THRU-HOLE	
12	R2 R7	2	Bourns	PTV09A-4020U-B103	POT 10K OHM 1/20W CARBON LINEAR	Top Adj. Snap In	THRU-HOLE	
13	R5	1	YAGEO	CFR-25JR-52-1M	RES 1Meg OHM 5% 1/4W AXIAL	Axial	THRU-HOLE	
14	R10	0						Do Not Install
15	U1	1	Texas Instruments	TL072IP	Operational Amplifiers - Op Amps Dual JFET In Low N	DIP8	THRU-HOLE	
16	J5 J6 Jumpers	2	Sullins	STC02SYAN	CONN JUMPER SHORTING TIN	2.54mm Pitch	Jumper	Jumper install on J5 and J6