

Description	Comment	Designator	MFG	MFG PN	Digi-Key PN	Q
Resistors						
RES SMD 470 OHM 5% 1/10W 0603	470R	R14, R25	Yageo	RC0603JR-07470RL	311-270GRCT-ND	2
RES SMD 1K OHM 5% 1/10W 0603	1k	R7	Yageo	RC0603JR-071KL	311-560GRCT-ND	1
RES SMD 10K OHM 5% 1/10W 0603	10k	R10, R11	Yageo	RC0603JR-0710KL	311-5.6KGRCT-ND	2
RES SMD 12K OHM 5% 1/10W 0603	12k	R24	Yageo	RC0603JR-0712KL	311-6.8KGRCT-ND	1
RES SMD 15K OHM 5% 1/10W 0603	15k	R8, R9, R17	Yageo	RC0603JR-0715KL	311-8.2KGRCT-ND	3
RES SMD 22K OHM 5% 1/10W 0603	22k	R21, R22	Yageo	RC0603JR-0722KL	311-12KGRCT-ND	2
RES SMD 33K OHM 5% 1/10W 0603	33k	R15	Yageo	RC0603JR-0733KL	311-18KGRCT-ND	1
RES SMD 68K OHM 5% 1/10W 0603	68k	R19, R20	Yageo	RC0603JR-0768KL	311-39KGRCT-ND	2
RES SMD 100K OHM 5% 1/10W 0603	100k	R3, R4, R5, R6, R12, R13, R16, R18	Yageo	RC0603JR-07100KL	311-56KGRCT-ND	8
RES SMD 470K OHM 5% 1/10W 0603	470k	R23	Yageo	RC0603JR-07470KL	311-270KGRCT-ND	1
Trim Pots						
trim pot from the random eBay set	1k	A1	Unknown	Unknown	N/A	1
trim pot from the random eBay set	47k	A2	Unknown	Unknown	N/A	1
trim pot from the random eBay set	100k	A3	Unknown	Unknown	N/A	1
Capacitors						
CAP CER 0.1UF 50V X7R 0603	100nF	C5, C6, C7, C8, C9, C10, C11	Yageo	CC0603KRX7R9BB104	311-1344-1-ND	7
CAP CER 10UF 35V X5R 0805	10u	C3, C4	Murata	GRM21BR6YA106KE43L	490-10514-1-ND	2
CAP 22 UF 20% 25 V	22uF	C1, C2	Wurth Electronics Inc.	865080442004	732-8432-1-ND	2
Diodes						
DIODE GEN PURP 75V 250MA SOD123	1N4148	D1	SMC Diode Solutions	1N4148WTR	1655-1360-1-ND	1
Transistors						
TRANS 2NPN 40V 0.2A SOT363	DMMT3904W	Q1	Diodes Inc.	DMMT3904W-7-F	DMMT3904W-FDICT-ND	1
TRANS NPN 45V 0.1A TO-92	BC547C	Q3	ON Semi	BC547CTA	BC547CTACT-ND	1
TRANS NPN 40V 0.2A SOT23	MMBT3904	Q4	ON Semi	MMBT3904LT1G	MMBT3904LT1GOSCT-ND	1
ICs						
IC OPAMP JFET 3MHZ 8SOIC	TL072	U1	TI	TL072CDR	296-1282-1-ND	1
IC OPAMP GP 1MHZ 8SOIC	741	U2	TI	UA741CDR	296-15051-1-ND	1
Headers						
CONN HEADER 2POS .100 VERT TIN	1x2 TH Male	H1, H2, H3, H4, H5, H6, H8	Molex	22-23-2021	WM4200-ND	7
CONN HEADER EH SIDE 6POS 2.5MM	Synth Power	H7	S6B-EH(LF)(SN)	S6B-EH(LF)(SN)	455-1629-ND	1
CONN HEADER 3POS .100 VERT TIN	1x3 TH Male	H9, H10, H11	Molex	22232031	WM4201-ND	3