

MIXER / PREAMPLIFIER MODEL 207**BILL OF MATERIALS REV 2.1****SEMICONDUCTORS**

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
TL071	IC2	1		595-TL071CP
TL072	IC1, IC3	2		595-TL072CP
PN3565	Q1, Q2, Q3, Q4	4		610-PN3565

CAPACITORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
15uF	C12, C15	2	ELECTROLYTIC 2MM LS	667-EEA-GA1E150
10pF	C4, C6, C8	3	CERAMIC 5MM LS	581-SA102A100J
47pF	C18, C19	2	CERAMIC 5MM LS	581-SA102A470J
0.1uF	C13, C14, F1, F2, F3, F4, F5, F6	8	CERAMIC 5MM LS	581-SA105E104M
0.18uF	C2, C3, C17	3	FILM 5MM LS	80-MMK5184K100J02L4
1uF	C1, C5, C7, C9, C10, C11, C16	7	FILM 5MM LS	80-R82DC4100CK60J

RESISTORS

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
220R	R23, R60	2	1% 1/4W	271-220-RC
1K	R10, R13, R24, R37, R51, R69	6	1% 1/4W	271-1K-RC
2K	R78	1	1% 1/4W	271-2K-RC
2K2	R74	1	1% 1/4W	271-2.4K-RC 271-2.2K-RC
4K7	R27, R28, R29, R30, R61, R62, R63, R64	8	1% 1/4W	271-4.7K-RC
10K	R8, R17, R38, R47, R57, R67, R73, R76	8	1% 1/4W	271-10K-RC
15K	R34	1	1% 1/4W	271-15K-RC
22K	R22, R59	2	1% 1/4W	271-22K-RC
33K	R11, R12, R18, R19, R25, R26, R32, R33, R39, R40, R42, R43, R48, R49, R54, R55, R77	17	1% 1/4W	271-33K-RC
39K	R1, R14, R44, R52	4	1% 1/4W	271-39K-RC
47K	R3, R9, R46, R50, R72	5	1% 1/4W	271-47K-RC
75K	R20, R58	2	1% 1/4W	271-75K-RC
100K	R71, R75	2	1% 1/4W	271-100K-RC
120K	R2, R5, R6, R15	4	1% 1/4W	271-120K-RC
220K	R4, R7, R16, R21, R31, R35, R36, R41, R45, R53, R56, R65, R66	13	1% 1/4W	271-220K-RC
1M	R68, R70	2	5% 1/4W	291-1M-RC
4K99 Omit	R79, R80, R81, R82, R83, R84	6		71-CRCW0805-4.99K-E3
100K	TR1	1		652-3362P-1-104LF
10-100K 25K LIN	R1, R2, R3, R4, R5 Pot7, Pot8, Pot9, Pot10, Pot11	5	9MM	http://smallbear-electronics.mybigcommerce.com/alpha-single-gang-9mm-right-angle-pc-mount
50K	R6, R7, R8, R9, R10, R11 Pot1, Pot2, Pot3, Pot4, Pot5, Pot6	6	SLIDER	FARNELL PART#: 1191730

MISC

VALUE	DESIGNATOR	QTY	DESCRIPTION	MOUSER PART#
	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15	15	TINIJAX	502-41
	LED1, LED2, LED3, LED4	4	RED 3MM LED	630-HLMP-K101
	B1, B2	2	BANANA JACK BLACK	530-108-0903-1
SPDT ON-ON	SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12	12	TOGGLE SWITCH	633-M201201
DPDT ON-ON	SW13	1	TOGGLE SWITCH	633-M202201
SPDT ON-OFF-ON	SW14	1	TOGGLE SWITCH	633-M201301
VTL5C3/2	V1, V2, V3, V4	4	DUAL VACTROL	https://www.thonk.co.uk/shop/vactrols-...
		1	POWER CONNECTOR	587-306-50-010
		1	1.4" STEREO JACK	502-N112BX
TM003	L1	1	AUDIO TRANSFORMER	
		14	BLUE SWITCH CAP	
		6	YELLOW SWITCH CAP	
		2	15mm F-F Standoff	534-24395