

Buchla 207 clone BOM

by SAMODULAR

	Designator	Quantity	Description	Mouser Part#
Resistors				
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
2.2K	R74	1	1% 1/4W	271-2.2K-RC
4.7K	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

Trimmers				
100K	TR1	1	Single turn	3362P-1-104LF

Capacitors				
10pF ceramic	C4, C6, C8	3	Ceramic 5mm	810-FG28C0G1H100DNT0
47pF ceramic	C18, C19	2	Ceramic 5mm	810-FG28C0G1H470JNT0
0.1uF ceramic	C13, C14, F1, F2, F3, F4, F5, F6	8	Ceramic 5mm	810-FA28X7R1H10400
0.18uF film	C2, C3, C17	3	Film 5mm	80-MMK5184K100J02L4
1uF film	C1, C5, C7, C9, C10, C11, C16	7	Film 5mm	80-R82DC4100CK60J
15uF elec	C12, C15	2	Electrolytic 2mm	647-UHE1J150MDD

ICs				
PN3565	Q1, Q2, Q3, Q4	4		610-PN3565
TL071	IC2	1	8pin DIP	595-TL071CP
TL072	IC1, IC3	2	8pin DIP	595-TL072CP

Potentiometers				
50K lin	Sliders 1-6	6		SAMODULAR
10K - 100K lin	POT1, POT2, POT3, POT4, POT5, POT6	5	9mm	Alpha 9mm pot

Misc				
LED red	LED1, LED2, LED3, LED4	4	3mm	630-HLMP-K101
Tinijax 41	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15	15		502-41
	B1, B2	2	Banana jack black	530-108-0903-1
Knobs - small blue unskirted		5	Rogans RB series	SAMODULAR
Switch SPDT ON-ON	SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12	12		633-M201201
Switch DPDT ON-ON	SW13	1		633-M202201
Switch SPDT ON-OFF-ON	SW14	1		633-M201301
Vactrols VTL5C3/2	V1, V2, V3, V4	4		SAMODULAR
TM3 transformer		1		Amplimo
Stereo jack		1		502-N112BX
Switchcaps		14	blue	SAMODULAR
Switchcaps		6	yellow	SAMODULAR
Standoffs		2	15mm l/l	

DIP sockets		3	8-pin	SAMODULAR
Power connector		1	Edgecard 10-pin	SAMODULAR