

DR MB2 FRONT PANEL V.1 BOM

VALUE		PCB	FARNELL	MOUSER	QTY	BANZAI			
RESISTORS									
1	820R	R23	1099891	660-MF1/4DCT52R8200F	1			1/4W MF 1%	
2	1K	R1, R2		271-1K-RC	4			1/4W MF 1%	
3	2K	R3		271-2K-RC	1			1/4W MF 1%	
4	2k4	R4		271-2.4K-RC	1			1/4W MF 1%	
5	6K8	R5		271-6.8K-RC	1			1/4W MF 1%	
6	12K	R6		271-12K-RC	1			1/4W MF 1%	
7	20K	R7		271-20K-RC	1			1/4W MF 1%	
8	36K	R8		271-36K-RC	1			1/4W MF 1%	
9	68K	R9		271-68K-RC	1			1/4W MF 1%	
10	82K	R11		271-82K-RC	1			1/4W MF 1%	
11	100K	R12, R13, R21, R22		271-100K-RC	2			1/4W MF 1%	
12	120K	R10, R14, R15,		271-120K-RC	3			1/4W MF 1%	
13	150K	R16, R17		271-150K-RC	2			1/4W MF 1%	
14	180K	R18, R19	9469907	271-180K-RC	2			1/4W MF 1%	
15	220K	R20		271-220K-RC	1			1/4W MF 1%	
TANTALUM CAPACITORS									
16	3u3F	C2		581-TAP335K025SCS	1			DIAM 6MM PITCH 2.5MM	25V
FILM CAPACITORS									
17	0.47uF	C1		80-R82DC3470DQ60J	1			PITCH 5MM	
POTENTIOMETERS									
18	10K LIN	THRESHOLD, MAKE UP		652-PDB241S420P103B0	2			HOLES 10MM	
ROTARY SWITCHES									
19	1 POLE 12 STEP	ATTACK, RELEASE	1123699	10SM159	2				
20	2 POLE 6 STEP	HPF, RATIO	1123700	10SM160	2				
TOGGLE SWITCHES									
21	SPDT ON ON	S1, S2, WET/DRY	9473378	506-A101SYCQ04	3				
PUSHBUTTON SWITCHES									
22	SPDT ON OFF	TURBO, BYPASS, POWER		123-01-281.025	3			16MM CUT DIAMETR	EBAY
LEDS									
23	3MM LED	WET/DRY		604-WP424QR51WT/DAMT	1		DIAMETER 3MM		
IDC CONNECTORS									
24	16PIN FEMALE	CTRL1, CTRL2, CTRL3		517-D89116-0131HK	3				
25	16PIN MALE	CTRL1, CTRL2, CTRL3		571-5103308-3	3				
KNOBS									
26	KNOBs	THRESHOLD, RATIO, ATTACK, RELEASE, MAKE UP, HPF, WET/DRY			7		20MM		
VU METER									
27	8027-WF	GR METER			1			PANEL CUTOUT 47 x 24	HAIRBALL

DR MB2 QUAD VCA V.1 BOM(2 CHANNELS)

VALUE			PCB	FARNELL	MOUSER	Qty	BANZAI	
RESISTORS								
1	100R	R10	1537710	271-100-RC	2		PITCH 10MM	1/4W MF 1%
2	732R	R9	9469940	660-MF1/4DC7320F	2		PITCH 10MM	1/4W MF 1%
3	5K1	R5, R6, R7, R8		271-5.1K-RC	8		PITCH 10MM	1/4W MF 1%
4	20K	R1, R2, R3, R4		271-20K-RC	8		PITCH 10MM	1/4W MF 1%
CERAMIC CAPACITORS X7R(POWER)								
5	0.1uF	C1, C2, C3, C4	2112909	594-K104M15X7RF53L2	8		PITCH 2.5MM	CERAMIC
FILM CAPACITORS								
6	22pF	C6(NOT USED WITH OPA604)						NOT USED
7	0.1uF	C5		667-ECQ-E2104KB	2		PITCH 5MM	
IC								
8	THAT 2181	IC1, IC2, IC3, IC4		887-2181BL08-U	8		SIP8	
9	OPA604	IC5	1651885	595-OPA604APG4	2	23931	DIP8	
SOCKETS								
10	DIP8	IC5	1351428	575-199308	2			
11	SIP8	IC1, IC2, IC3, IC4		855-D01-9973242	2			
PINS								
12	VCA PINS	VCA PINS		575-310320	14		1MM	

DR MB2 WET/DRY Control Option 1

VALUE			PCB	Qty	FARNELL	MOUSER	BANZAI	
RESISTORS								
1	499R	WET/DRY	40		271-499-RC		PITCH 10MM	1/4W MF 1%
ROTARY SWITCH								
2	24 Step 2 Pole	WET/DRY	1				Used 21 step	Uraltone, Elma

DR MB2 WET/DRY Control Option 2

VALUE			PCB	Qty	FARNELL	MOUSER	BANZAI		
POTENTIOMETR									
1	10k DUAL LIN	WET/DRY		1		31VW401-F			

BOM UPDATE HISTORY

[illegible]