

TOPPOBRILLO TRIPLE WAVEFOLDER BOM 1/2

RESISTORS, 5%

VALUE	QTY.	REF. DES. (R)	NOTES
10K	6	21,22,42,62,64,72	R22 is optional, see wiring; R72 mounted off-board, see wiring
100K	6	18,39,59,66,70,71	R66 mounted off-board, see wiring
1M	6	3,11,23,32,44,52	
15K	3	10,31,51	
150K	4	19,40,60,63,67	
20K	1	73	R73 mounted off-board, see wiring
2.2K	1	65	
270K*	3	14,35,55	*use 330K for 15V version*
30K	4	16,37,57,74	R74 mounted off-board, see wiring
33K	7	1,2,9,24,30,43,50	
390K*	3	7,28,48	*use 470K for 15V version*
390K	3	15,36,56	
470R	15	4,5,12,13,17,25,26,33,34,38,45,46,53,54,58	
56K	8	6,8,27,29,47,49,68,69	
7.5K*	3	20,41,61	*use 10K for 15V version*

CAPACITORS

VALUE	QTY.	REF. DES. (C)	NOTES
.1uF	4	[labeled as such]	ceramic
10uF	2	[labeled as such]	electrolytic
100pF	3	4,9,14	ceramic
22pF	1	16	ceramic
47pF	10	1,2,3,6,7,8,10,11,12,13	ceramic

SEMIS

VALUE	QTY.	REF. DES.	NOTES
IN914	3	D:3,6,9	
2N3906	4	Q:1-4	
1N5234	6	D:1,2,4,5,7,8	6.2V zener
TL062	6	IC:2,4,6,7,8,9	
LM13700	3	IC:1,3,5	

TOPPOBRILLO TRIPLE WAVEFOLDER BOM 2/2

ELECTROMECH.

VALUE	QTY.	REF. DES.	NOTES
100K TRIMMER, single turn	6	VR:1-6	PCB will accommodate either 2.5mm or 5mm lead spacing
50-100K LIN PNL MT. POT	6		
EITHER/ 10-PIN .1" MALE HDR, dual row	1		
OR 4-PIN .156" MALE HDR	1		for MOTM style power connect
3-PIN .1" FEM HDR	6		optional
4-PIN FEM .1" HDR	1		optional
3-PIN .1" MALE HDR	6		optional
4-PIN .1" MALE HDR	1		optional
SWITCHED NC MONO JACKS	13		

[see wiring for connection ideas for banana jacks [requires switches for normals]]

MISC.

FERRITE BEAD	2	L+,L-	optional; could be jumpers
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