

**BOM monotropa v3****Reverselandfill 2020****Resistors**

f1, f2	10r	2	
r1, r8, r10, r15	1.8k	4	alt: 2k
r7	2k2	1	alt: 2k
r3, r4, r5, r6, r12, r13, r16	10k	7	
r19, r20, r21	1k	3	

**Band combinations\* see below for more info and mods**

<b>band1</b>	<b>low</b>		
c1	1uf	5mm film	
c6	22nF	5mm film	
r2	130k		

<b>band2</b>	<b>low-mid</b>		
c7	470nf	5mm film	
c9	10nf	5mm film	
r9	110k		

<b>band3</b>	<b>mid</b>		
c8	82nf / 100nF	5mm film	
c10	2.2nf	5mm film	
r11	82k		

<b>band4</b>	<b>mid-high</b>		
c11	33nf	5mm film	
c12	1nf	5mm film	
r14	68k		

**Capacitors**

c2, c3	10uF	2	electrolythic
c13, c27, c28	1uf	3	electrolythic
c4, c5, c21, c23	100nF	4	in kit: mount vertically
c25	10pF	1	alt: 20pF

**IC**

u1, u2	14pin socket	2	
u1, u2	TL084	2	alt: tl074, tl064

**Power**

10 pin connector	shrouded	1	
power cable	10pin to 16pin	1	

Place the panel on the PCB before soldering the pots and jacks

**Pots**

band1, band2, band3, band4, gain, sum	b10k	6	vertical 9mm
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**Jacks**

	thonkiconn	6	vertical
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**Knobs**

6

## Blad1

\*Alternative frequency bands: (you can use parts that are near these values)

63Hz	1270nF, 22nF, 130k
160Hz	503nF, 10nF, 110k
410Hz	200nF, 4.7nF, 91k
1KHz	80nF, 2.2nF, 82k
2.5KHz	33nF, 1nF, 68k
7.7KHz	12.2nF, 470pF, 62k
16KHz	4.7nF, 220pF, 51k

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credits: part of the EQ was inspired by the Musicthingmodular Graphic EQ / Boss GE7  
The rest of the design (feedback loop, mixer amp stages, external routing, mods are by:

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