

**BOM monotropa v7.4****Reverselandfill 2025****Resistors**

r5, r6, r7, r14, r15, r21, r23	1k8	7
r9, r11, r12, r13, r16, r18, r24	10k	7
r19, r20	1k	3
r4	470r	1
r31	100k	1

**Band combinations*****band1***

r10	130k	1		
c1a	1uf	1	5mm film	1K63
c1b	270nF	1	5mm film	
c1c	22nF	1	5mm film	223

***band2***

r8	110k	1		
c2a	470nF	1	5mm film	
c2b	33nF	1	5mm film	
c2c	10nF	1	5mm film	

***band3***

r17	91k	1		
c3a	100nF	1	5mm film	.1J63
c3b	100nF	1	5mm film	.1J63
c3c	4.7nf	1	5mm film	

***band4***

r22	82k	1		
c4a	47nF	1	5mm film	
c4b	33nF	1	5mm film	
c4c	2.2nF	1	5mm film	

***band5***

r2	68k	1		
c5a	33nF	1	5mm film	
c5c	1nF	1	5mm film	

***band6***

r3	62k	1		
c6a	10nF	1	5mm film	
c6b	2.2nF	1	5mm film	
c6c	470pF	1	5mm film	471

***band7***

r1	51k	1		
c7a	4.7nf	1	5mm film	
c7c	220pF	1	5mm film	221

**Diodes**

d1, d2	1n4001	2
d3	1n4148	1

## Blad1

### Capacitors

c2, c4	10uF	2	electrolythic	
c1, c5	1uf	3	electrolythic	
c3, c6, c7, c8, c9, c10	100nF	6	2.5mm	104

### LPG1

2.2nF	1	5mm
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### IC

u1, u2, u3	14pin socket	3	
u1, u2, u3	TL074	3	alt: TL084, TL064

LDR+LED (use a shrinktube) DIY vactrol 1

Trimpot (for feedback gain) 10k 1 box

### 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** b10k vert 9 vertical 9mm

**Jacks** thonkiconn 5 vertical

**Knobs** 9

*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

[www.reverselandfill.org](http://www.reverselandfill.org)  
[martijn@reverselandfill.org](mailto:martijn@reverselandfill.org)