

**JH. 36dB Variable Slope Filter Bill Of Materials (V.1.0)**  
**(without phaser option, without on-board modulation)**  
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Errors excepted

Quantity	Component	Remarks
<b><i>Semiconductors</i></b>		
8	BC560C or BC560B	all unmarked transistors (pnp-BJT)
6	BF245A	all transistors marked with "245" (n-JFET)
3	LM13600 or LM13700	Dual OTA
3	TL072	Dual BiFet Opamp
<b><i>Trimpots</i></b>		
1	5k or 4k7	10mm trimpot (see PCB layout for footprint and dimensions).
1	50k or 47k	10mm trimpot (see PCB layout for footprint and dimensions).
6	100k	10mm trimpot (see PCB layout for footprint and dimensions).
<b><i>Capacitors, ceramic, 2.5mm</i></b>		
1	22pF	
4	33pF	
1	100pF	
<b><i>Capacitors, Polystyrene</i></b>		
6	150pF	labelled "n15" (use other type, but no ceramic, if you can't get polystyrene)
<b><i>Capacitors, electrolytic (polarized!)</i></b>		
3	10uF/35	
<b><i>Capacitors, Polyester</i></b>		
2	220nF	5mm spacing labelled "u22"
<b><i>Capacitors, SMT</i></b>		
8	100nF	0805 or 1206 (on solder side)

<b>Resistors, 1%</b>		
6	220	
1	620	
1	820	
1	1k5	
7	1k8	
3	10k	
12	15k	
3	18k	
12	33k	
1	51k	
1	56k	
24	100k	
1	150k	
1	180k	
2	220k	
1	300k	
1	330k	
5	560k	
1	680k	
1	1M	
<b>PCB Connectors (optional)</b>		
1	MOTM Power Connector	or Synthesizers.com Power Connector
1	PSS254/2G	or similar 2 pin, 2.54mm spacing
2	PSS254/3G	or similar 3 pin, 2.54mm spacing
1	PSS254/5G	or similar 5 pin, 2.54mm spacing
1	PSS254/8G	or similar 8 pin, 2.54mm spacing