

Jurgen Haible Variable Slope Filter/Phaser Parts List

**PCB COMPONENTS**

Qty	Description	Mouser P/N	Comments
<b>Semiconductors</b>			
6	DG419	781-DG419DJ-E3	
5	TL072	595-TL072BCP	
1	TL071	595-TL071BCP	
8	LM13600	513-NJM13600D	
8	BF245A	512-BF245A	
21	BC560C	512-BC560CBU	
8	1N4148	512-1N4148	
<b>SMT Capacitors; 0805</b>			
18	100nF	80-C0805C104K5R	
<b>Electrolytic Capacitors</b>			
4	10uF 35V	140-MLRH35V10-RC	4 mm diameter; 2.5 mm lead spacing
2	22uF 35V	140-MLRH35V22-RC	4 mm diameter; 2.5 mm lead spacing
1	47uF 25V	647-UKL1E470KEDANA	6.3 mm diameter; 2.5 mm lead spacing
	47uF 16V	140-LLRL16V47-RC	alternate 5 mm diameter; 2.5mm lead spacing; lower voltage
<b>Polyester Capacitors; Wima MKS, Siemens MKT or similar</b>			
2	10nF	505-MKS20.01/63/5	5 mm lead spacing; 2.5 x 7.5 mm radial footprint
2	220nF	505-MKS20.22/63/10	5 mm lead spacing; 2.5 x 7.5 mm radial footprint
1	470nF	505-MKS2.47/63/10	5 mm lead spacing; 3.5 x 7.5 mm radial footprint
<b>Polystyrene Capacitors; 5%</b>			
6	150pF	23PS115	5.5 mm diameter axial polystyrene; bend to fit 5 x 7.5 mm radial footprint
	150pF	505-FKP2150/100/2.5	alternate radial polypropylene; 5 mm lead spacing; 4.5 x 7.5 mm
<b>Ceramic Capacitors</b>			
1	22pF	80-C315C220K1G	2.5 mm lead spacing
4	33pF	80-C315C330K1G	2.5 mm lead spacing
4	100pF	80-C315C101K1G	2.5 mm lead spacing
<b>Resistors; 1/4W 1% metal film</b>			
6	220R	271-220-RC	
4	470R	271-470-RC	
5	620R	271-620-RC	
1	820R	271-820-RC	
1	1K	271-1K-RC	
1	1K5	271-1.5K-RC	
7	1K8	271-1.8K-RC	
3	2K	271-2K-RC	
2	2K4	271-2.4K-RC	
1	4K7	271-4.7K-RC	
1	5K1	271-5.1K-RC	
1	6K8	271-6.8K-RC	
2	7K5	271-7.5K-RC	
5	10K	271-10K-RC	
1	12K	271-12K-RC	
19	15K	271-15K-RC	BOM lists 20
1	16K	271-16K-RC	
3	18K	271-18K-RC	
3	20K	271-20K-RC	
3	22K	271-22K-RC	
1	24K	271-24K-RC	
16	33K	271-33K-RC	
1	36K	271-36K-RC	
1	43K	271-43K-RC	
1	47K	271-47K-RC	
3	51K	271-51K-RC	BOM lists 2
1	56K	271-56K-RC	
3	75K	271-75K-RC	
44	100K	271-100K-RC	
2	150K	271-150K-RC	
1	160K	271-160K-RC	
3	180K	271-180K-RC	
1	200K	271-200K-RC	
3	220K	271-220K-RC	
1	240K	271-240K-RC	
3	300K	271-300K-RC	
3	330K	271-330K-RC	
7	560K	271-560K-RC	
1	680K	271-680K-RC	
4	1M	271-1.0M-RC	

1	10M	291-10M-RC	5% alternative for 660-RK1/4DC1005F 1%
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**Trimpots**

1	2K	652-3386F-1-202LF	single turn square cermet
1	5K	652-3386F-1-502LF	single turn square cermet
1	50k	652-3386F-1-503LF	single turn square cermet
6	100K	652-3386F-1-104LF	single turn square cermet

**Connectors**

6	2 pin MTA header	571-6404542	0.100 spacing
5	3 pin MTA header	571-6404543	0.100 spacing
1	5 pin MTA header	571-6404545	0.100 spacing
2	8 pin MTA header	571-6404548	0.100 spacing
1	4 pin MTA header	571-6404454	0.156 spacing

**PANEL COMPONENTS**

Qty	Description	Mouser P/N	Comments
13	1/4" jacks	502-112AX	use Bridechamber for lower cost alternative
9	SPDT flatted switch	1055-TA2130-EVX	lower cost Mountain alternative to NKK 633-M201202-RO
17	100K potentiometers		BI Technologies P260P-D1BS3CB100K
17	0.75" Knobs	506-PKES60B1/4	Use RadioShack 274-415 for lower cost alternative
1	green LED	Digikey 67-1156-ND	Lumix panel mount
6	2 pin MTA connector	571-3-640441-2	
6	2 pin MTA dust cover	571-6405502	
5	3 pin MTA connector	571-3-640441-3	
5	3 pin MTA dust cover	571-6405503	
1	5 pin MTA connector	571-3-640441-5	
1	5 pin MTA dust cover	571-6405505	
2	8 pin MTA connector	571-3-640441-8	
2	8 pin MTA dust cover	571-6405508	
2	4 pin MTA connector	571-3-640426-4	power cable
2	4 pin MTA dust cover	571-6405514	power cable