This hardware is released under Creative Commons Share-alike 4.0 International (http://creativecommons.org/licenses/by-sa/4.0/).

Note: This is a human-readable summary of (and not a substitute for) the license (http://creativecommons.org/licenses/by-sa/4.0/legalcode).

You are free to:

Share — copy and redistribute the material in any medium or format

Adapt — remix, transform, and build upon the material for any purpose, even commercially.

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original.

No additional restrictions — You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

## Notices:

You do not have to comply with the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation.

No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material.

DOC.NR.	STATUS	DESCRIPTION
26.000.00.01.0	)1 FINAL	Overall - Block diagram
26.000.00.01.0	)2 FINAL	Overall - Schematic
26.000.00.01.0	3 FINAL	31.5 Hz & 63 Hz module - Schematic
26.000.00.01.0	)4 FINAL	125 Hz & 250 Hz module - Schematic
26.000.00.01.0	5 FINAL	500 Hz & 1 kHz module - Schematic
26.000.00.01.0	6 FINAL	2 kHz & 4 kHz module - Schematic
26.000.00.01.0	7 FINAL	8 kHz & 16 kHz module - Schematic
26.001.00.01.0	)1 FINAL	Front panel - Schematic (DFM)
26.002.00.01.0	)1 FINAL	Front pcb - Schematic (DFM)
26.003.00.01.0	)1 FINAL	Main pcb - Schematic (DFM)
26.003.01.01.0	)1 TBD	Main pcb (PTH + SMT) - Schematic (DFM)
26.004.00.01.0	)1 FINAL	Shielding pcb - Schematic (DFM)
26.005.00.01.0	)1 FINAL	Strut pcb - Schematic (DFM)
26.006.00.01.0	)1 VOID	31.5 Hz & 63 Hz module (PTH) - Schematic (DFM)
26.006.01.01.0	)1 VOID	31.5 Hz & 63 Hz module (PTH+SMT) - Schematic (DFM)
26.006.02.01.0	)1 FINAL	31.5 Hz & 63 Hz module (PTH+SMT) - Schematic (DFM)
26.007.01.01.0	)1 FINAL	125 Hz & 250 Hz module (PTH+SMT) - Schematic (DFM)
26.008.01.01.0	)1 FINAL	500 Hz & 1 kHz module (PTH+SMT) - Schematic (DFM)
26.009.01.01.0	)1 TBD	2 kHz & 4 kHz module (PTH+SMT) - Schematic (DFM)
26.010.01.01.0	)1 TBD	8 kHz & 16 kHz module (PTH+SMT) - Schematic (DFM)
26.999.00.01.0	)1 VOID	CA3140M breakout pcb (PTH+SMT) - Schematic (DFM)
26.999.01.01.0	)1 FINAL	CA3140M breakout pcb (PTH+SMT) - Schematic (DFM)
	1	



OCTAVE\_FILTER

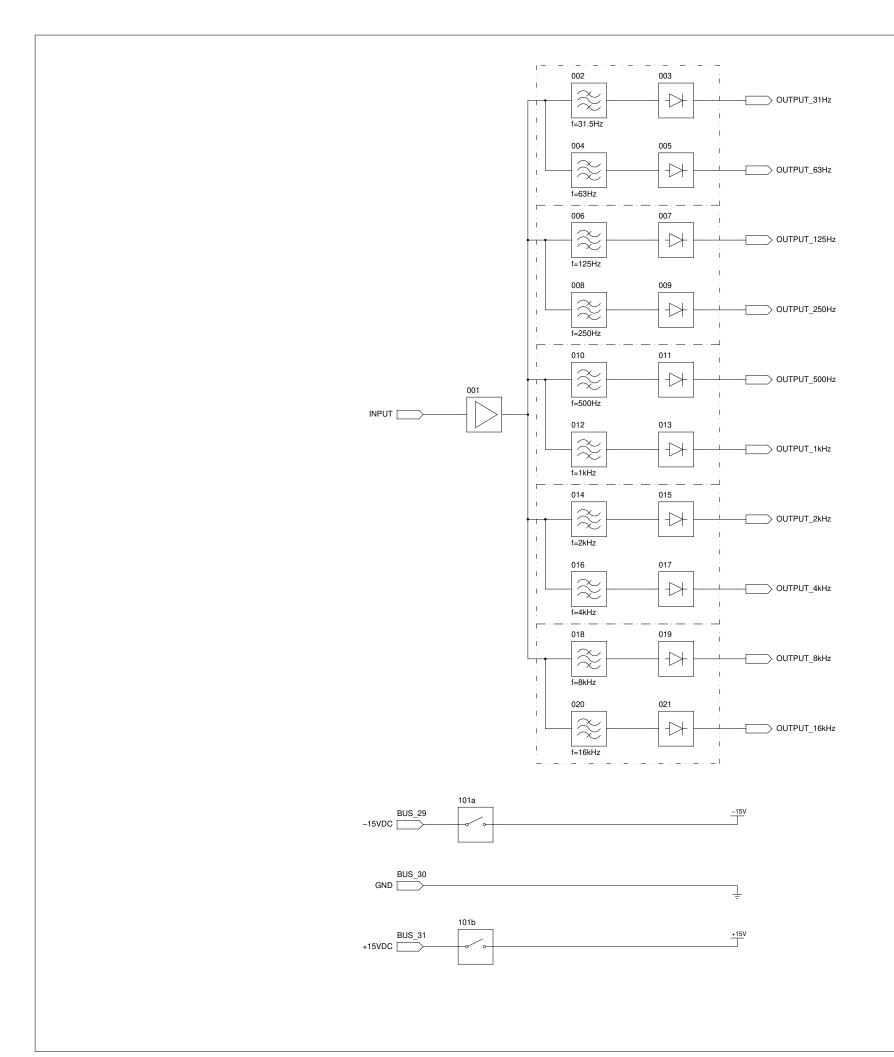
TITLE Front Page

FILE: gschem/26.000.00.00.01.sch

PAGE 01 OF 01

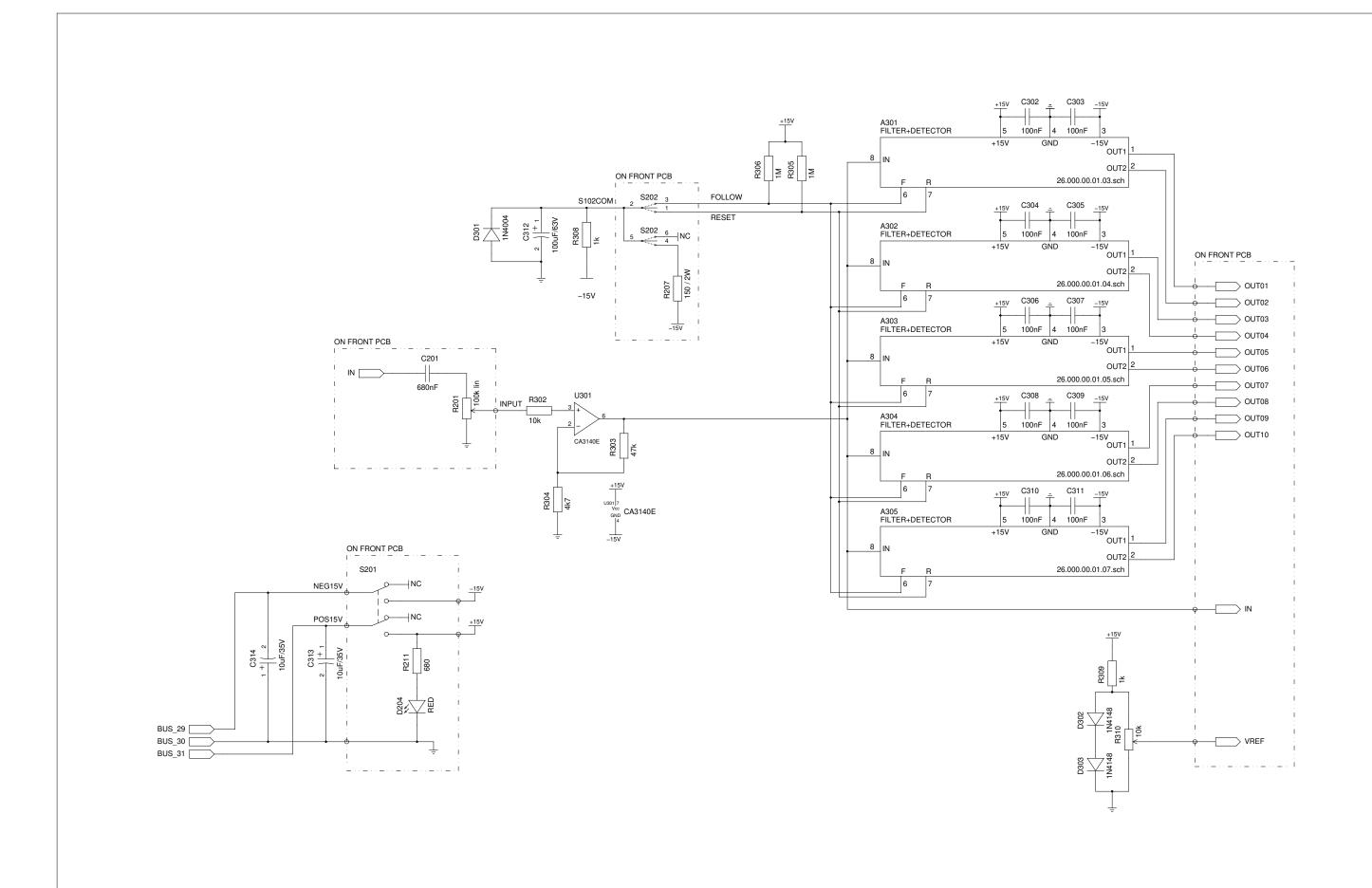
REVISION: 20240609

DRAWN BY: Bert Timmerman





TITLE	OCTAVE_FILTER Overall Block diagram			
FILE:	gschem/26.000.00.01.01.sch	REVISION:	20240609	Λ 1
PAGE	01 OF 07	DRAWN BY:	Bert Timmerman	_^ '



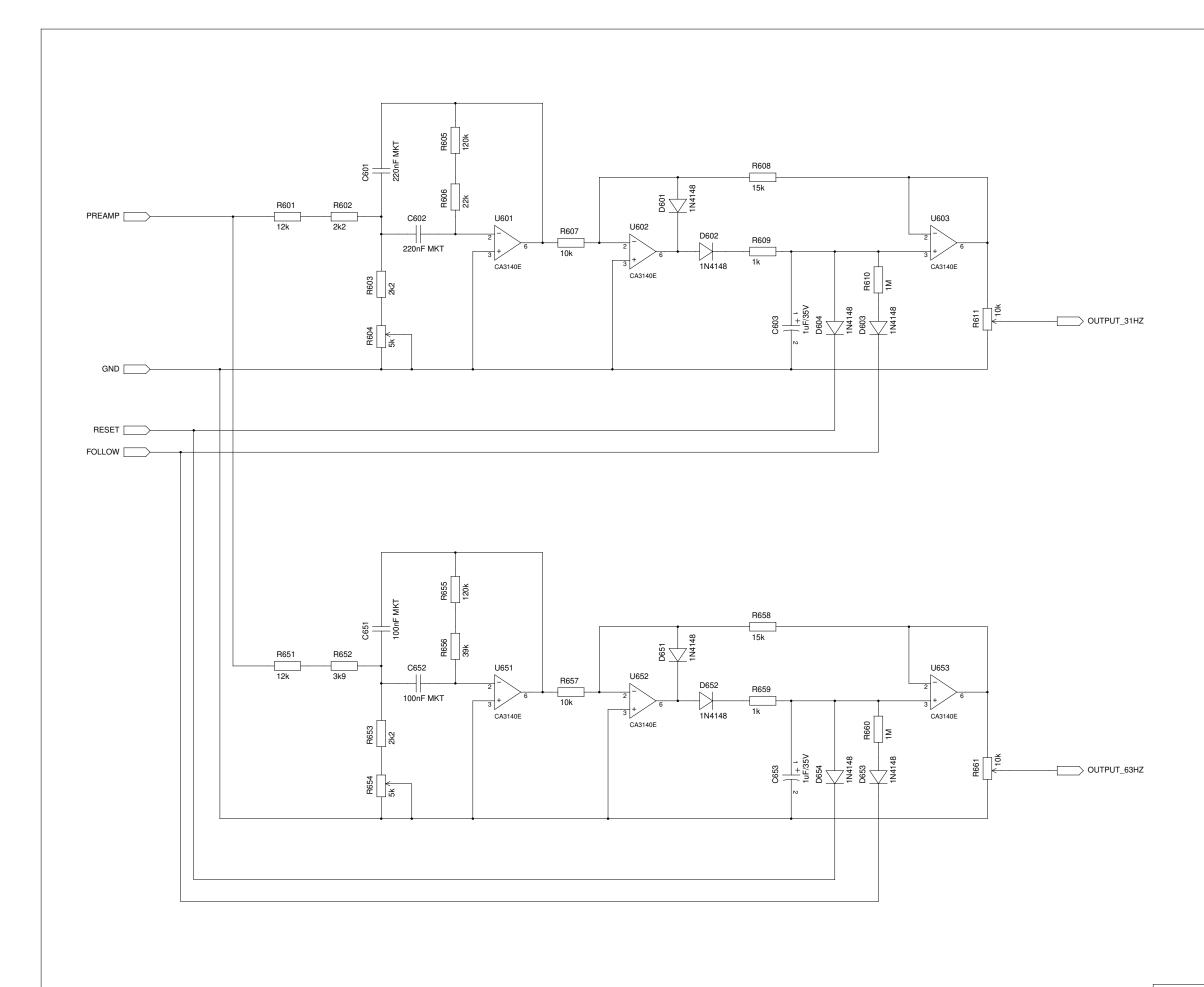


PAGE 02

of 07

OCTAVE\_FILTER
Overall
TITLE Schematic REVISION: 20240609 FILE: gschem/26.000.00.01.02.sch Α1

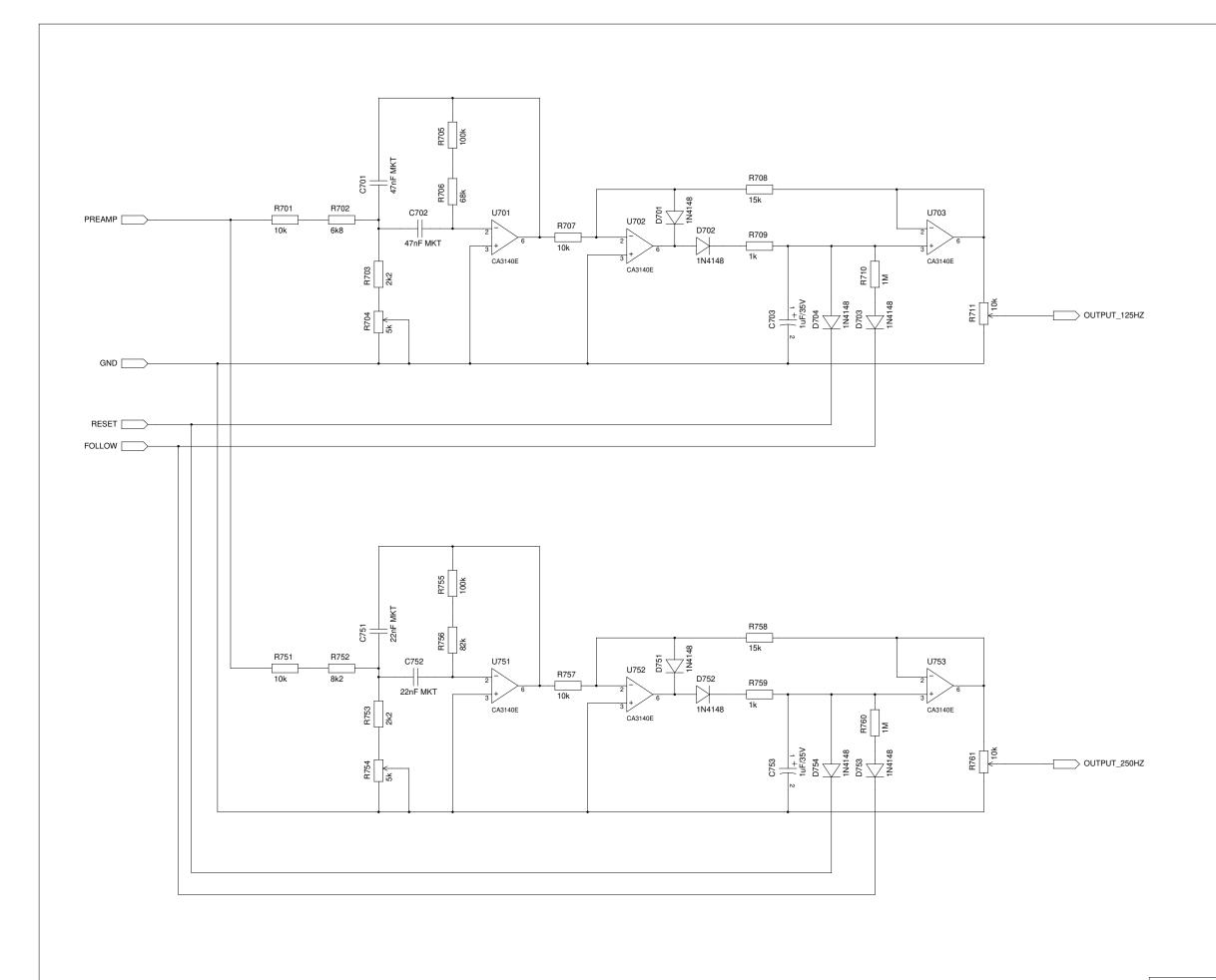
DRAWN BY: Bert Timmermar





OCTAVE\_FILTER
31.5 Hz & 63 Hz module
TITLE Schematic

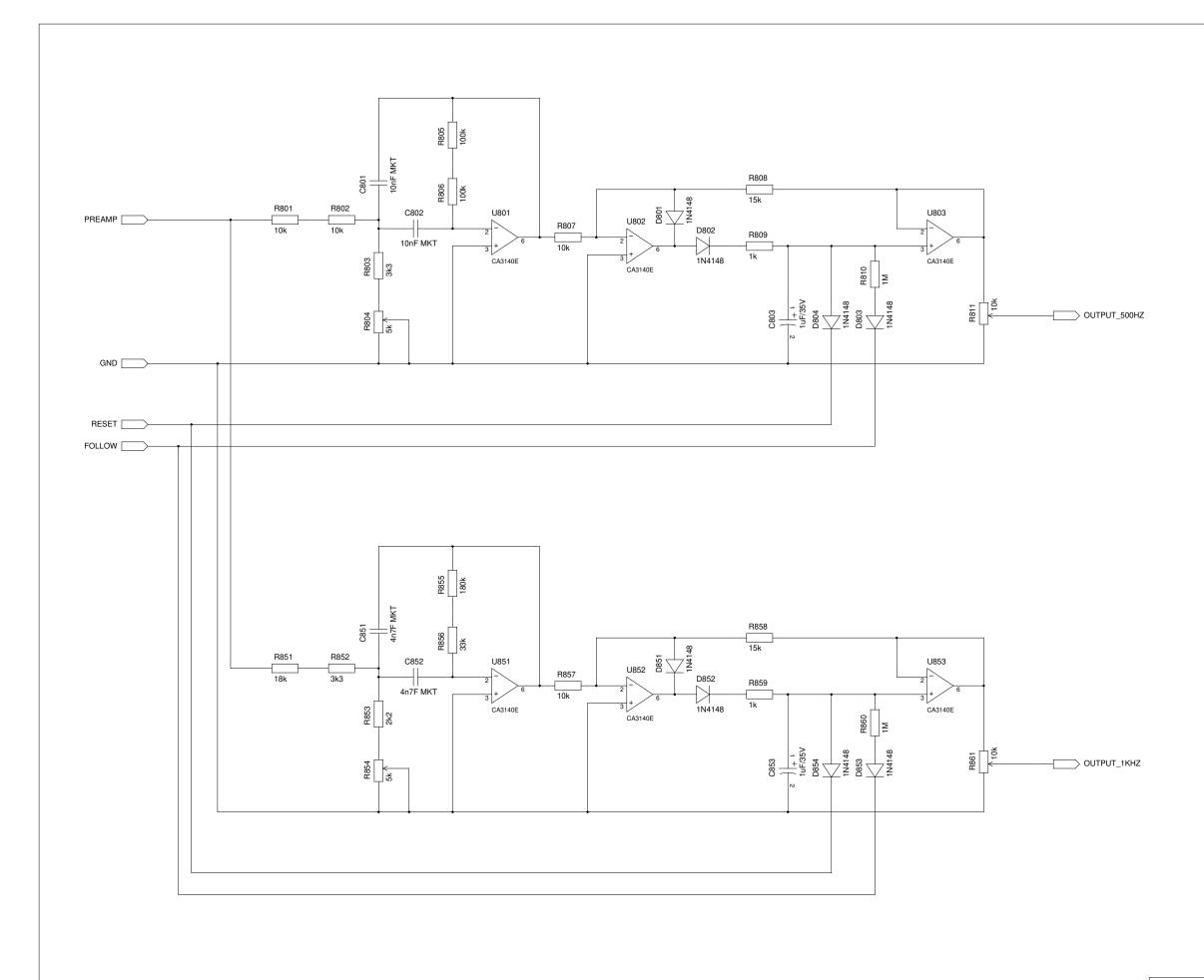
FILE: gschem/26.000.00.01.03.sch REVISION: 20240609 DRAWN BY: Bert Timmerman of 07 PAGE 03





OCTAVE\_FILTER
125 Hz & 250 Hz module
TITLE Schematic

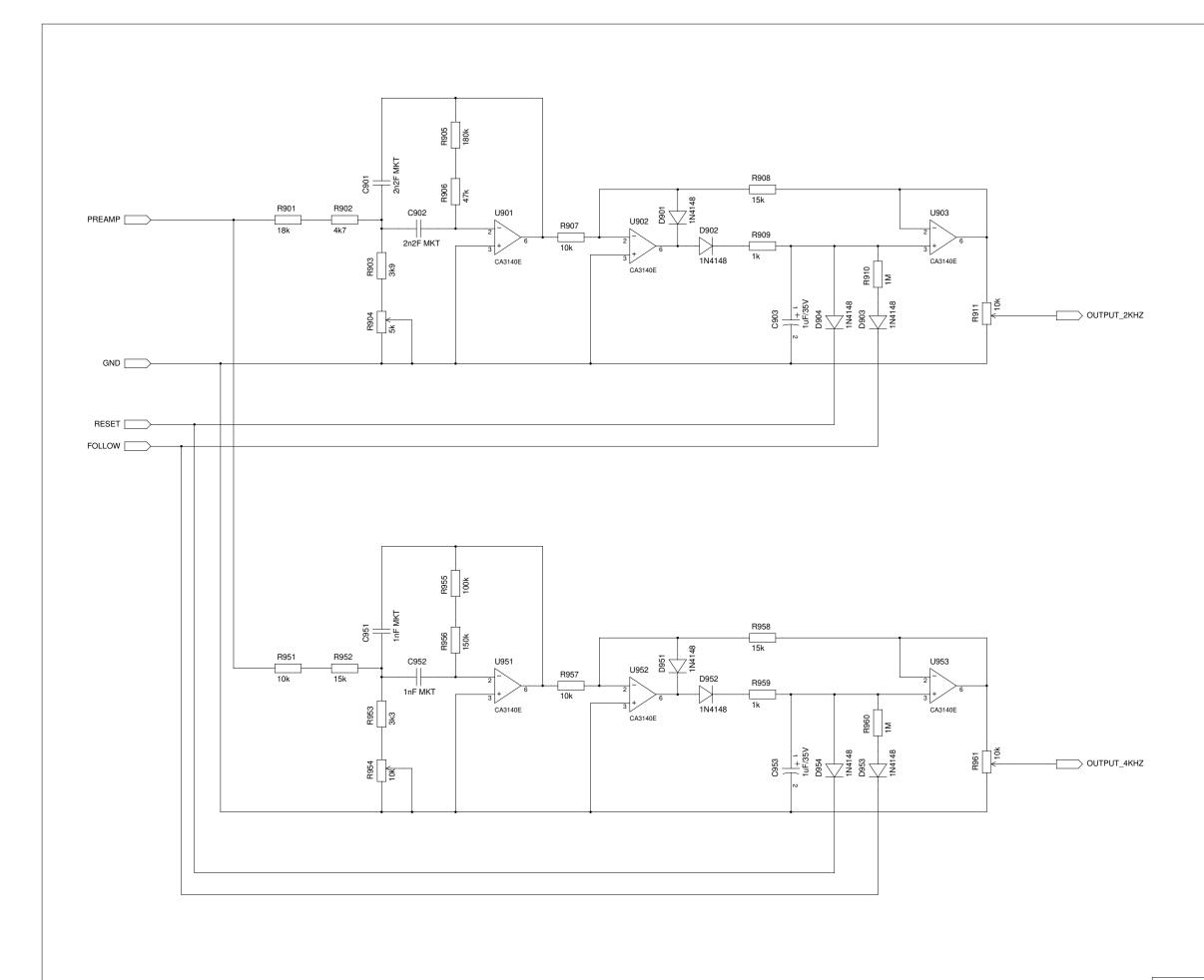
FILE: gschem/26.000.00.01.04.sch REVISION: 20240609 DRAWN BY: Bert Timmerman of 07 PAGE 04





OCTAVE\_FILTER
500 Hz & 1 kHz module
TITLE Schematic

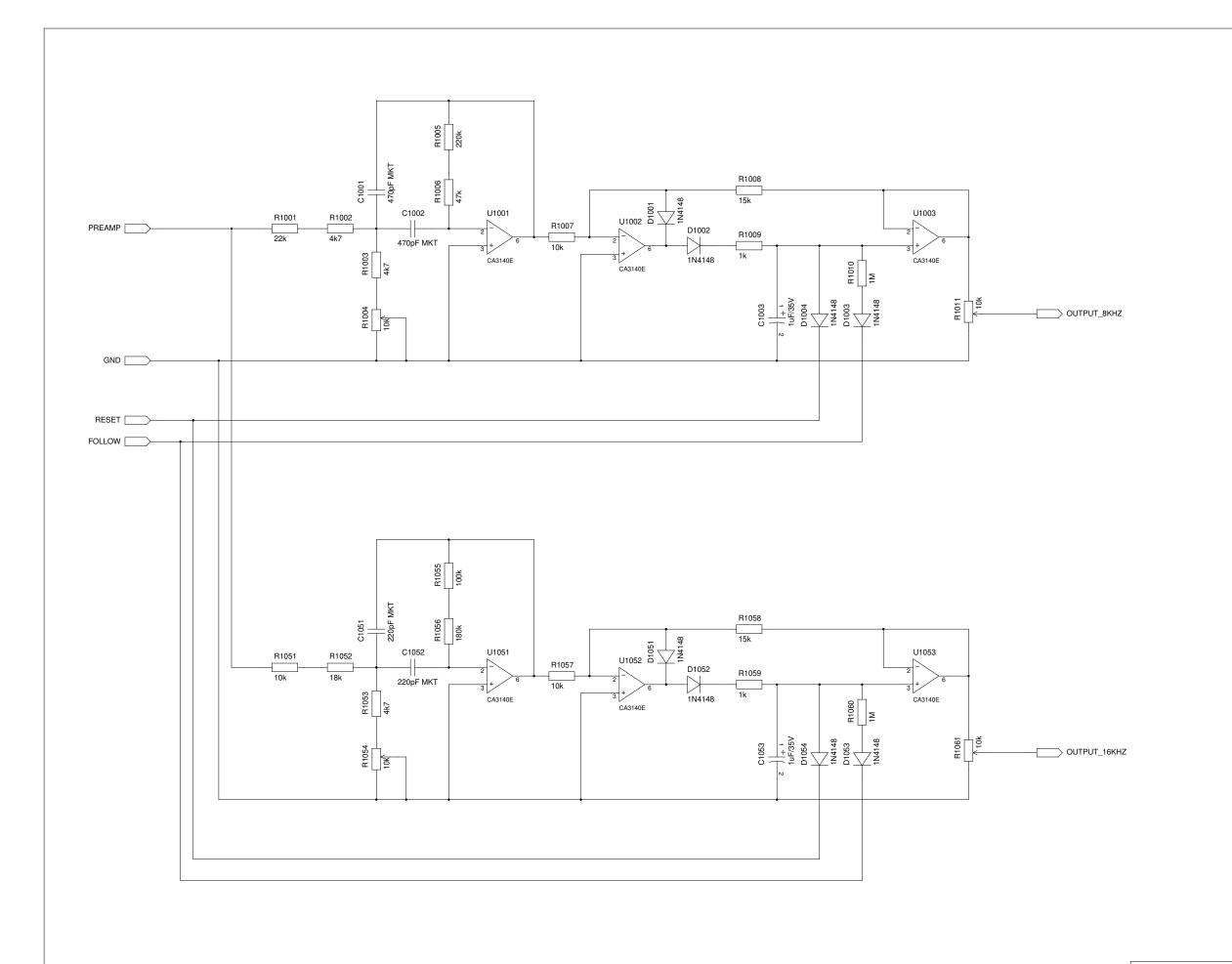
FILE: gschem/26.000.00.01.05.sch REVISION: 20240609 DRAWN BY: Bert Timmerman PAGE 05 of 07





OCTAVE\_FILTER
2 kHz & 4 kHz module
TITLE Schematic

FILE: gschem/26.000.00.01.06.sch REVISION: 20240609 DRAWN BY: Bert Timmerman PAGE 06 of 07

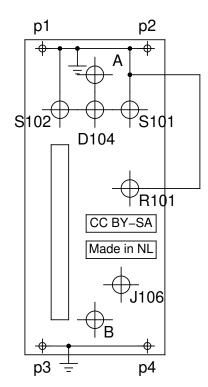




OCTAVE\_FILTER 8 kHz & 16 kHz module TITLE Schematic

FILE: gschem/26.000.00.01.07.sch REVISION: 20240609 DRAWN BY: Bert Timmerman PAGE 07 of 07

## Mounting holes:





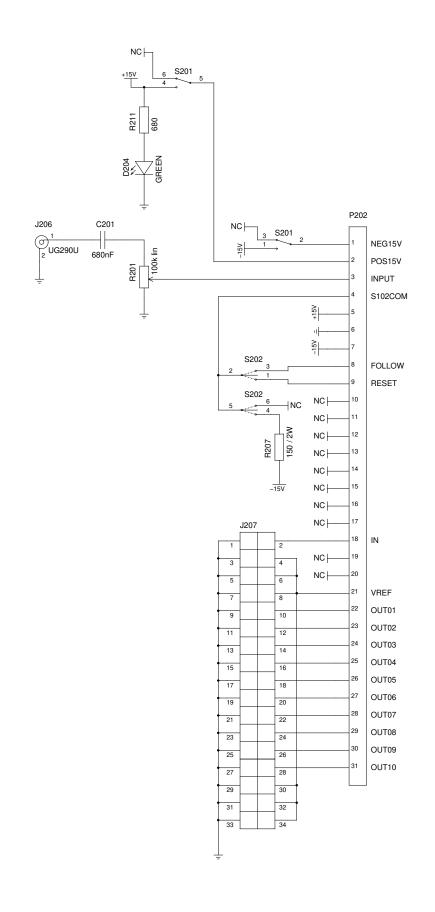
OCTAVE\_FILTER
Front panel
TITLE Schematic (DFM)

FILE: gschem/26.001.00.01.01.sch

PAGE 01 OF 01

REVISION: 20240609

DRAWN BY: Bert Timmerman

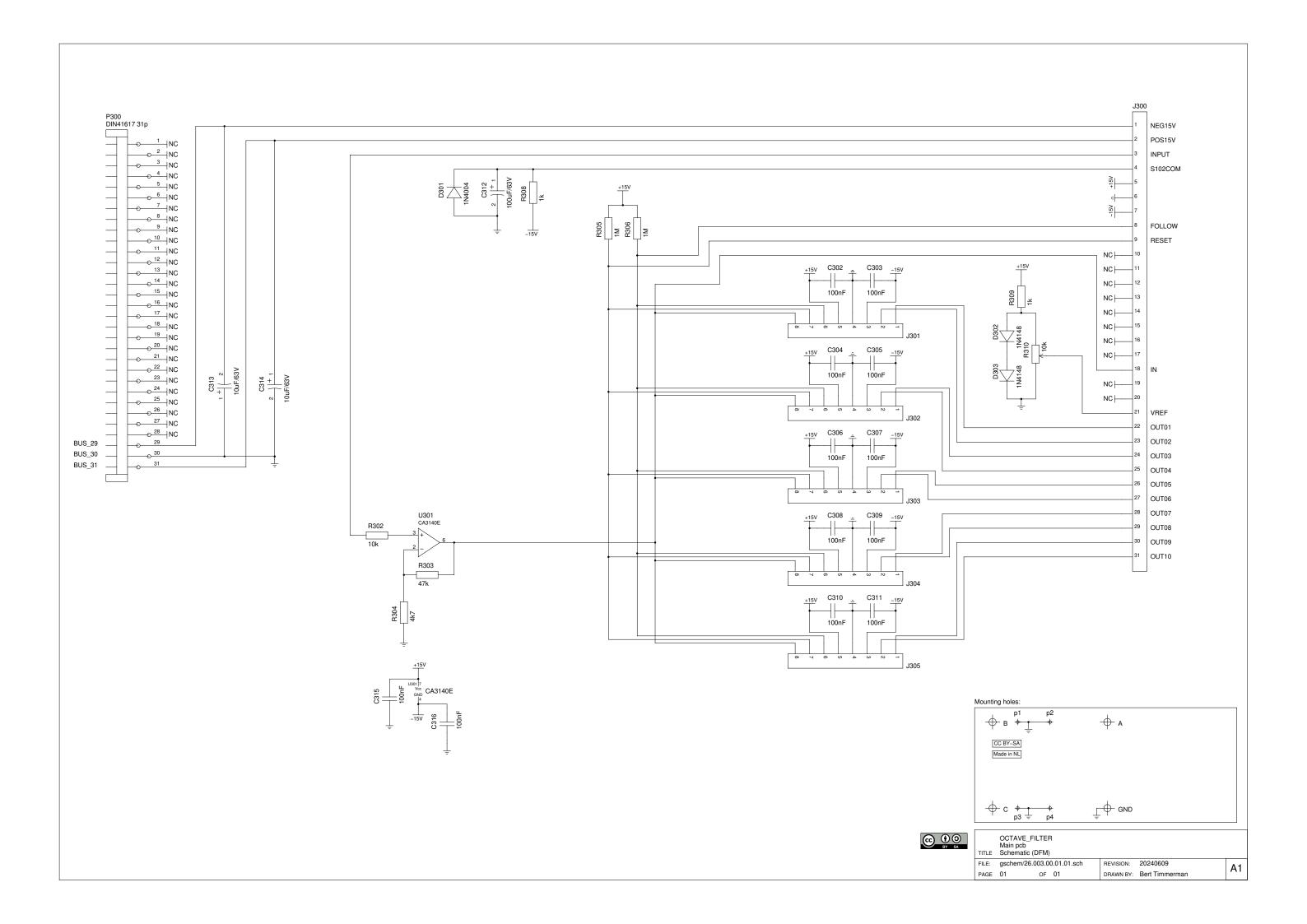


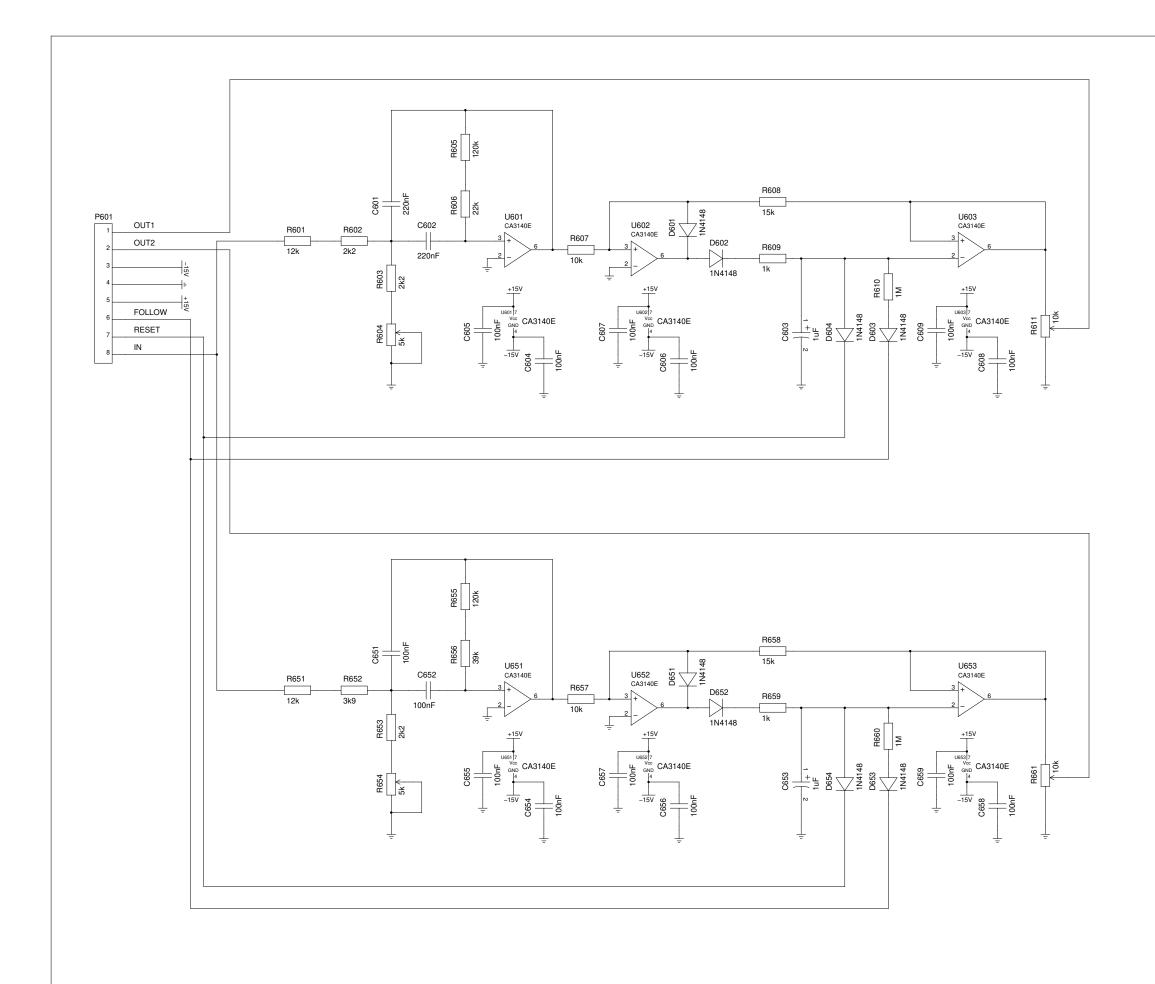




OCTAVE FILTER	
Front pcb	
 Schematic	

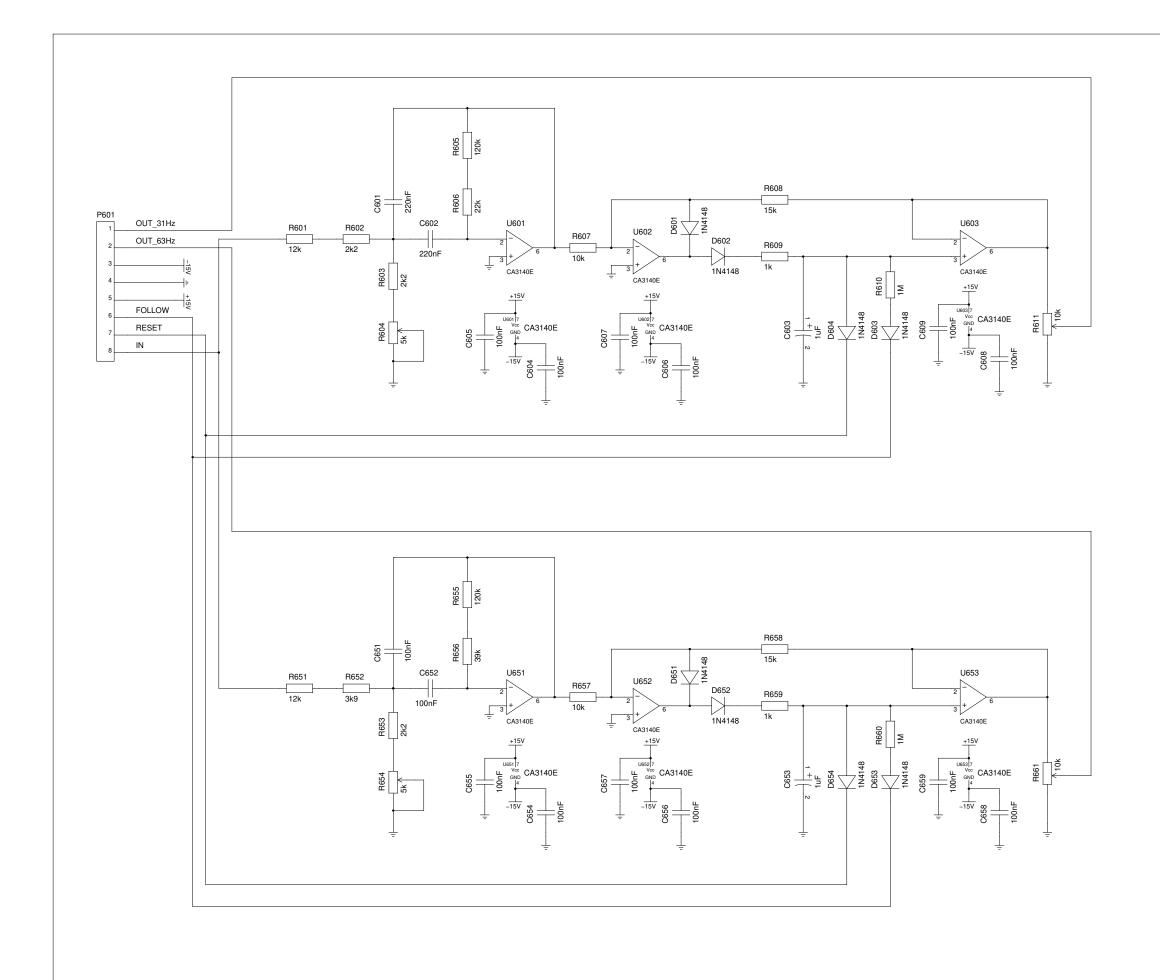
FILE: gschem/26.002.00.01.01.sch PAGE 01 OF 01 REVISION: 20240609 DRAWN BY: Bert Timmerman





BY SA

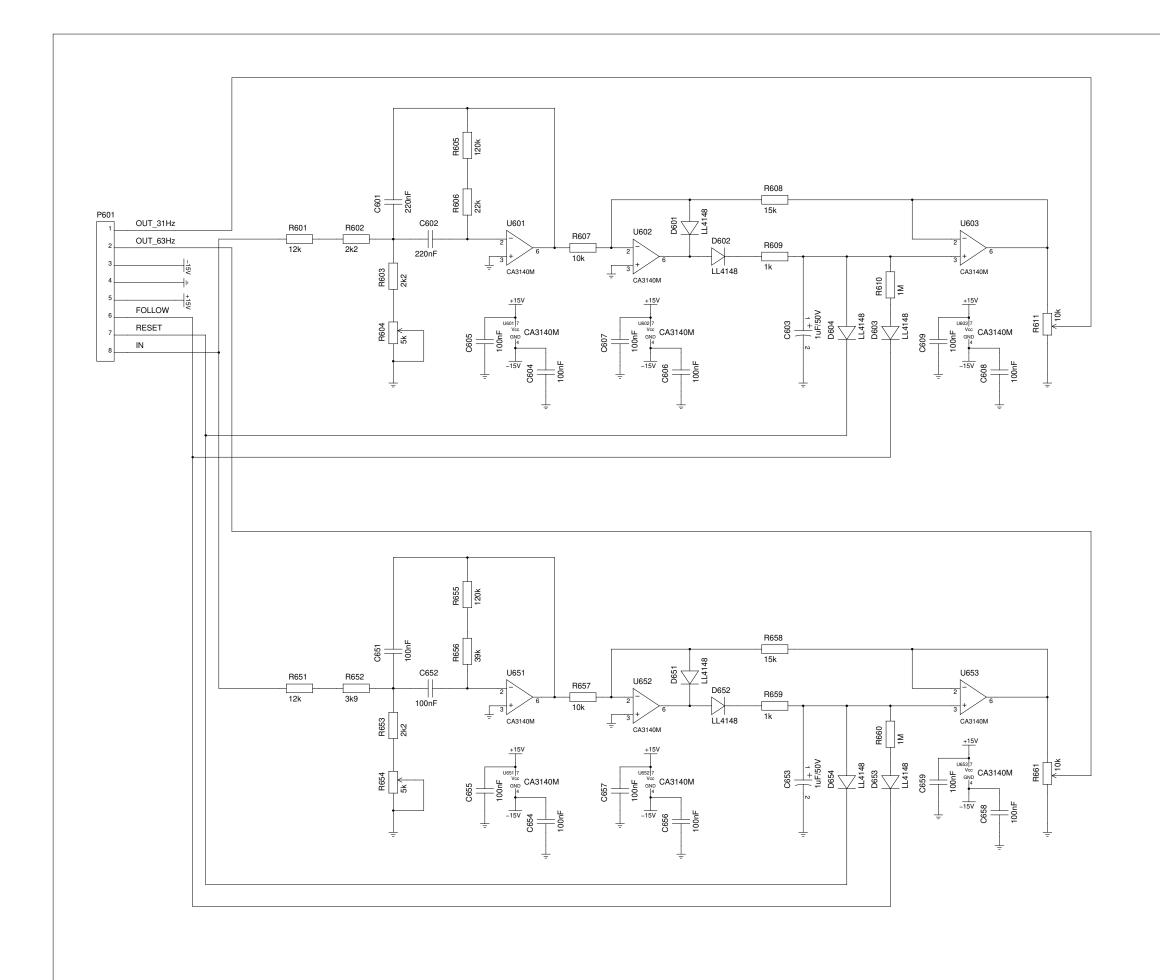
OCTAVE\_FILTER
31.5 Hz & 63 Hz module (PTH)
TITLE Schematic (DFM)





OCTAVE\_FILTER
31.5 Hz & 63 Hz module (PTH)
TITLE Schematic (DFM)

FILE: gschem/26.006.01.01.01.sch REVISION: 20240609
PAGE 01 OF 01 DRAWN BY: Bert Timmerman

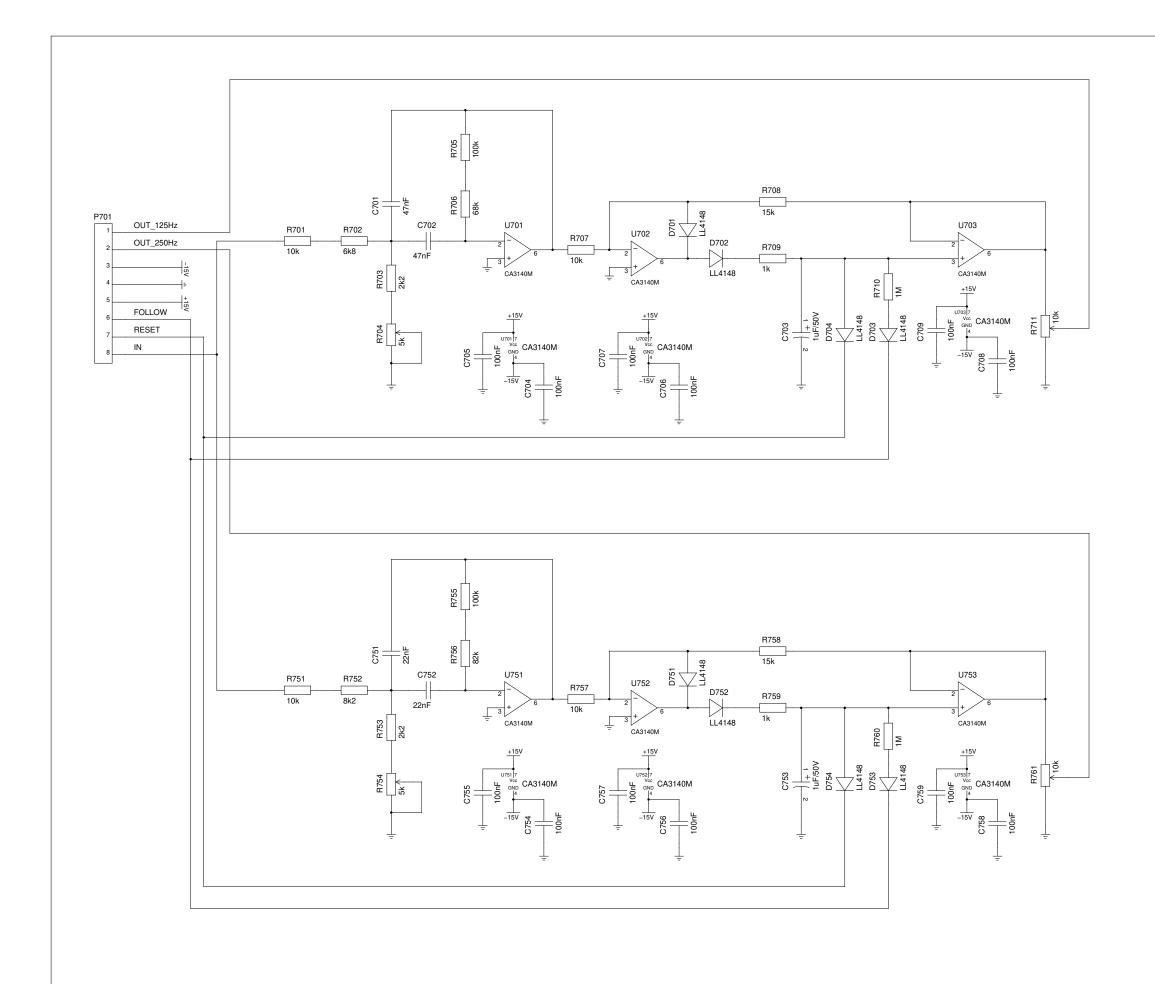




OCTAVE\_FILTER
31.5 Hz & 63 Hz module (PTH+SMT)
TITLE Schematic (DFM)

 FILE:
 gschem/26.006.02.01.01.sch
 REVISION:
 20240609

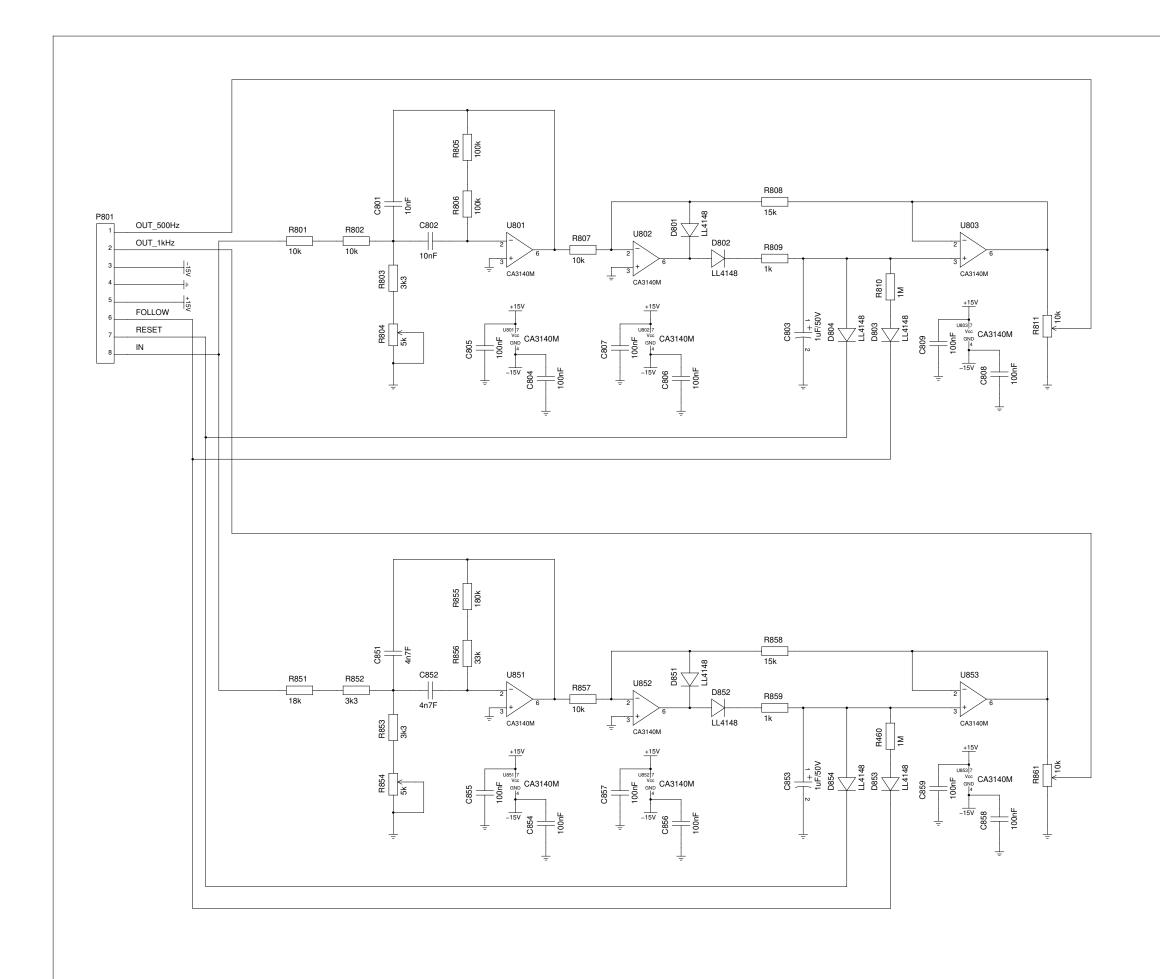
 PAGE
 01
 0F
 01
 DRAWN BY:
 Bert Timmerman



© 0 O

OCTAVE\_FILTER
125 Hz & 250 Hz module (PTH+SMT)
TITLE Schematic (DFM)

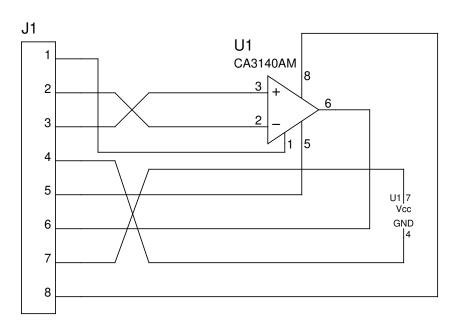
FILE: gschem/26.007.01.01.01.sch REVISION: 20240609
PAGE 01 OF 01 DRAWN BY: Bert Timmerman





OCTAVE\_FILTER
500 Hz & 1 kHz module (PTH+SMT)
TITLE Schematic (DFM)

FILE: gschem/26.008.01.01.01.sch REVISION: 20240609
PAGE 01 OF 01 DRAWN BY: Bert Timmerman

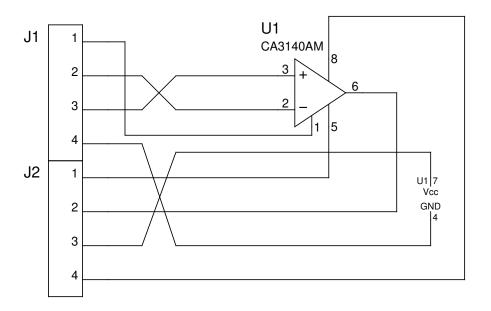




OCTAVE\_FILTER
CA3140M breakout pcb (PTH+SMT)
TITLE Schematic (DFM)

FILE: gschem/26.999.00.01.01.sch REVISION: 20240609

PAGE 01 OF 01 DRAWN BY: Bert Timmerman





OCTAVE\_FILTER
CA3140M breakout pcb (PTH+SMT)
TITLE Schematic (DFM)

FILE: gschem/26.999.01.01.01.sch REVISION: 20240609

PAGE 01 OF 01 DRAWN BY: Bert Timmerman