

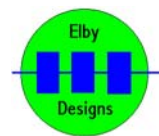
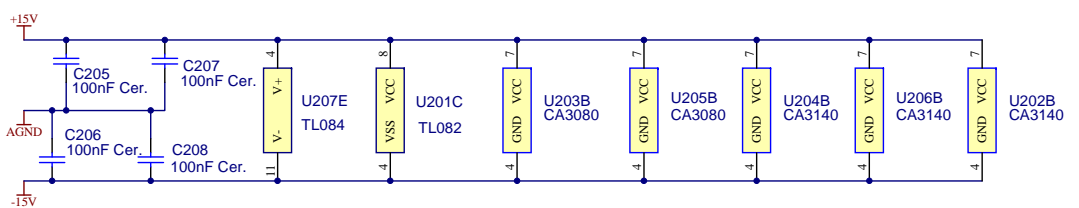
CREDITS:  
 Terry Mikulik  
 "Reader's Equipment, A VCF and an Envelope Generator"  
 Electronotes, Vol. 5, No. 33, Jan. 1, 1974, pg 5.

Bernie Hutchins  
 "The ENS-76 Home-Built Synthesizer System - Part 5"  
 Electronotes, Vol. 8, No. 71, Nov. 1976, pp 14-19

Design shown follows the original Electronotes ENS76 design.

To build the ASM-1 variant:-  
 add resistors R230 (100K), R231 (10K), R232 (47K),  
 add diodes D201 (1N4148) & D202 (1N4148),  
 replace R243 with a wire link, and  
 change C201 to 33pF and C203 to 33pF

In most cases R223, P202, R227, P203 may be omitted to reduce cost.



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### ASM-2

### State Variable Filter

Size A3	FCSM No. 17/06/2008	DWG No. vcf1.schdoc	Rev A
Scale	Laurie Biddulph		Sheet 12 of 24