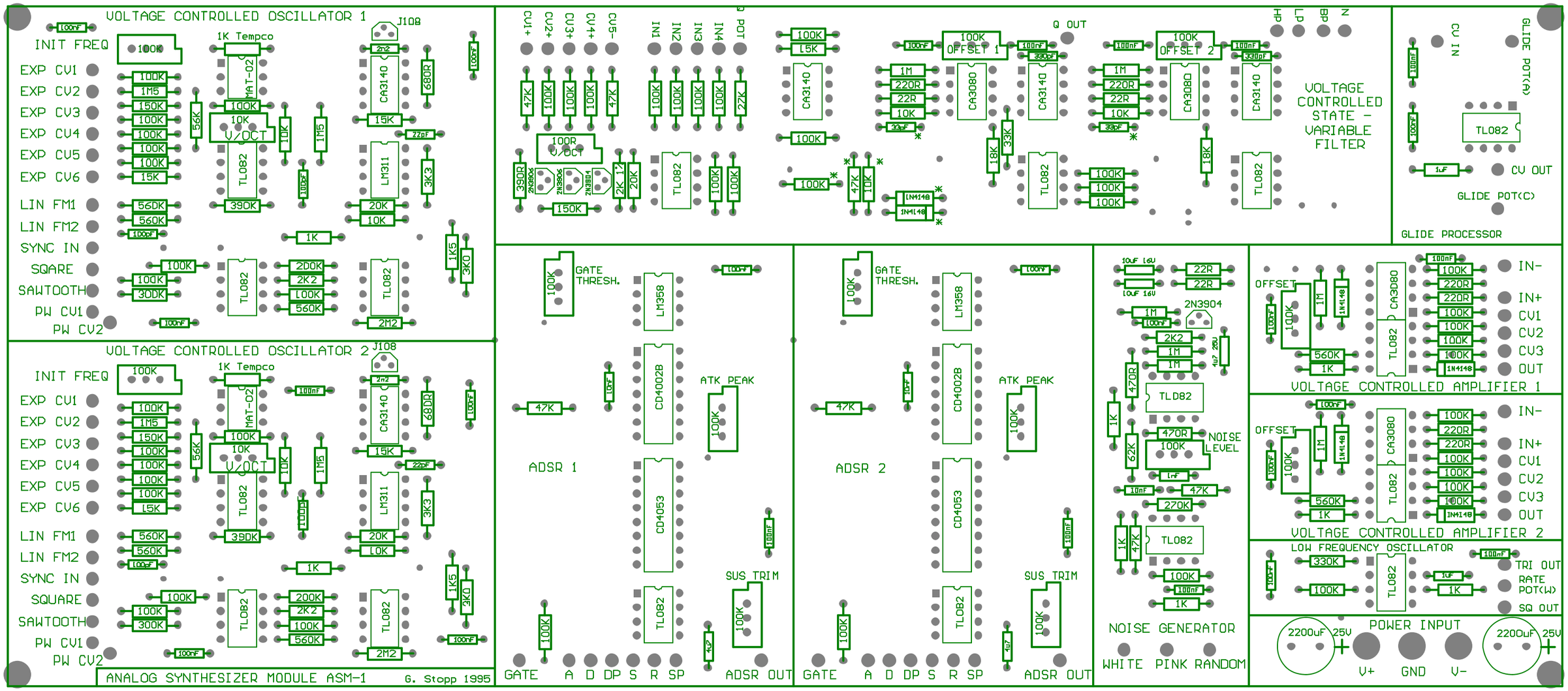

Inputs/Outputs relabeled for clarity