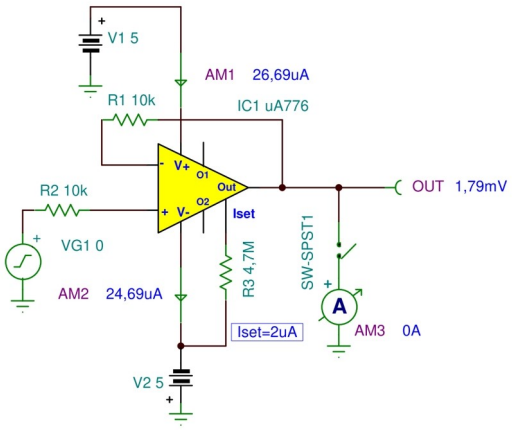
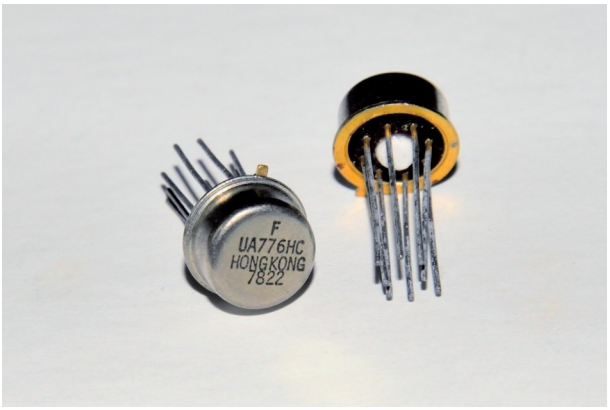
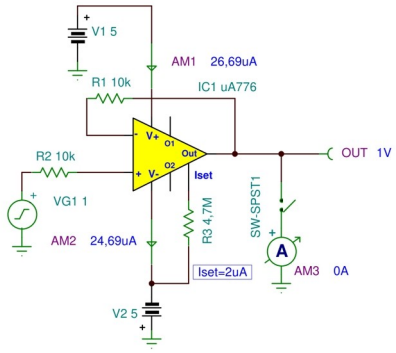
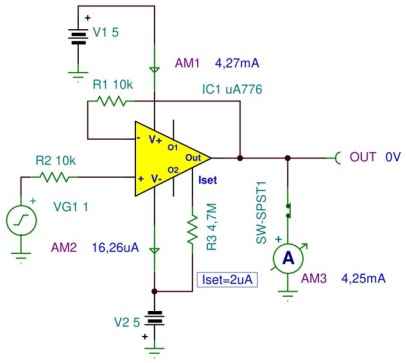
# UA776 Programmable Operational Amplifier Macro Model

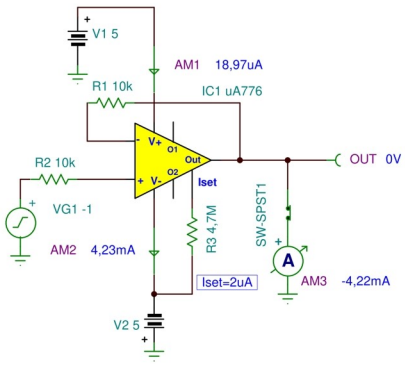
## DC Characteristics



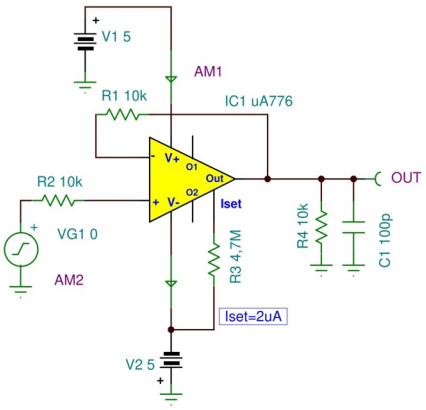



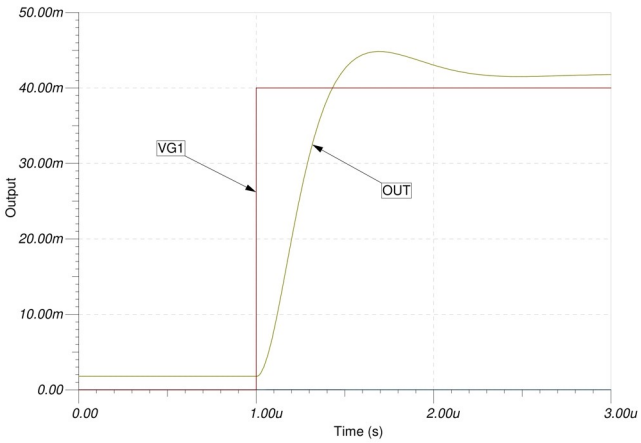



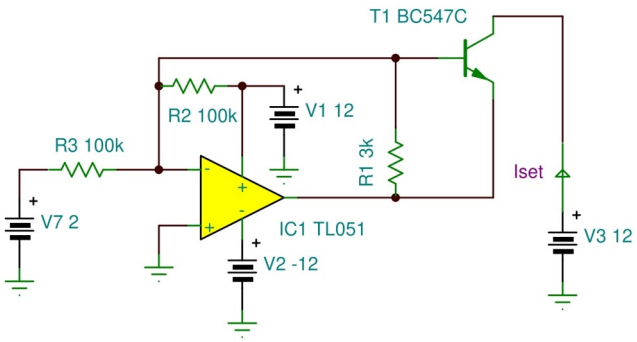

## Transient Characteristics

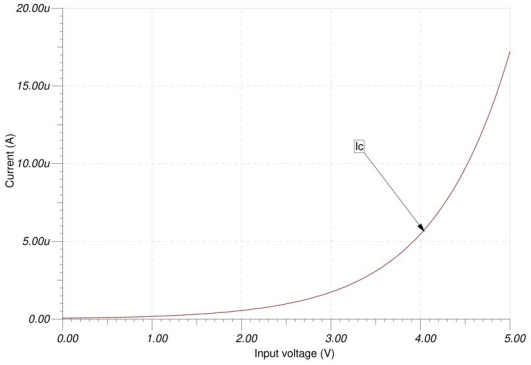


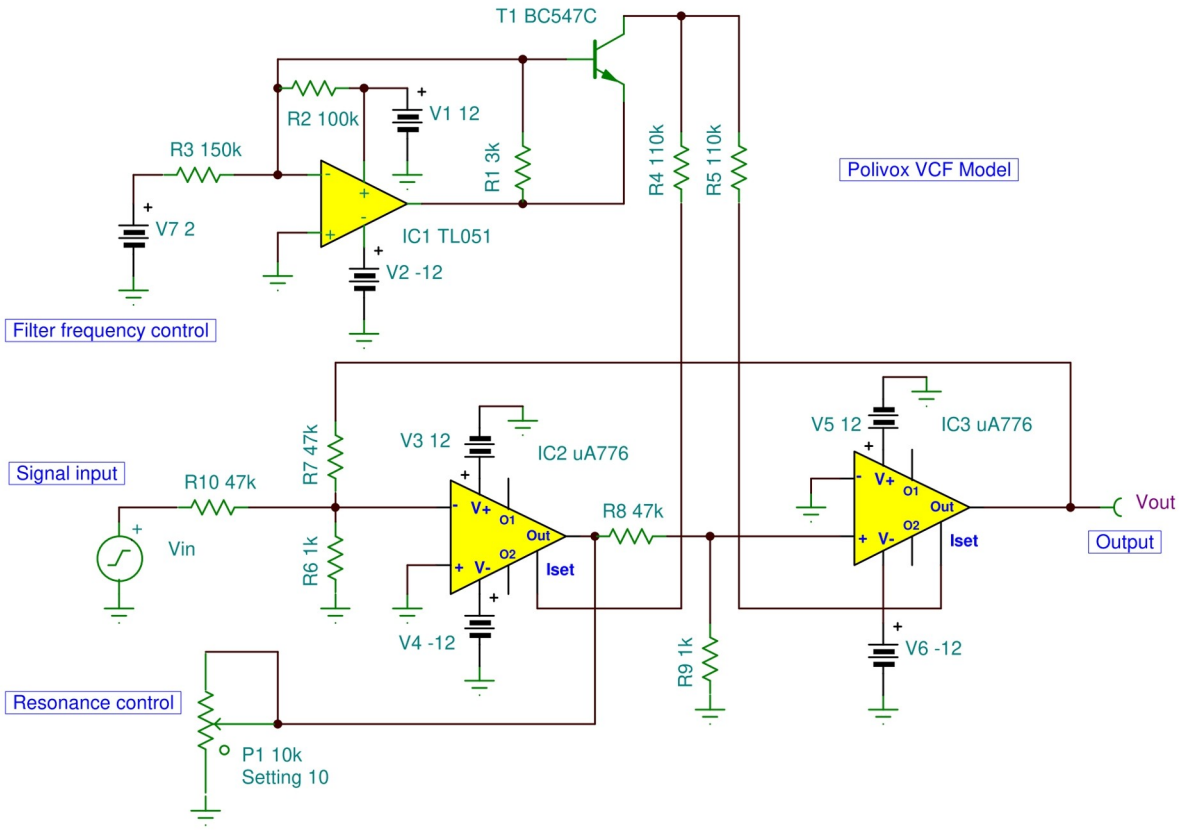

## Voltage Controlled Filter Model

## Exponential Iset Current Generator



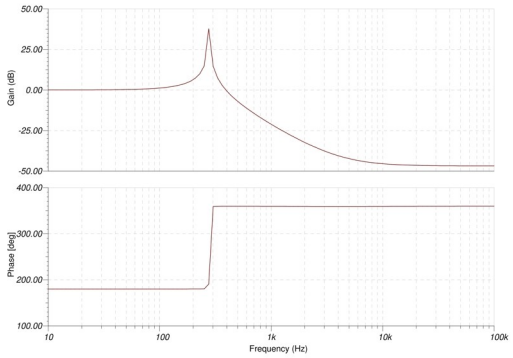



## Polivoks VCF Model

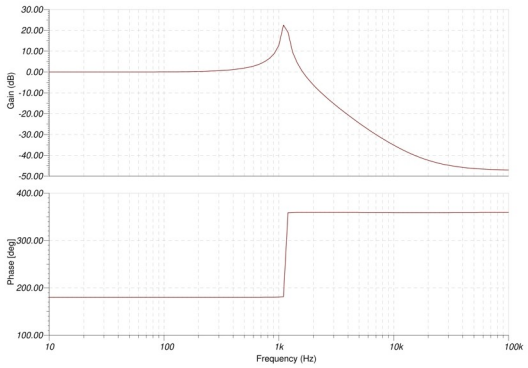



## Frequency control

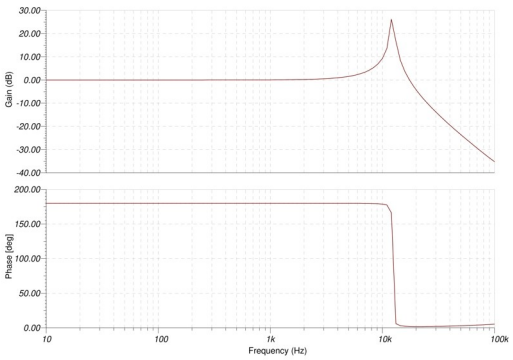
### V7=200mV

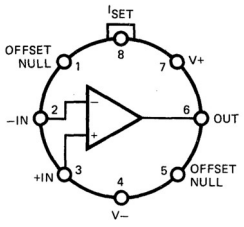



### V7=2V



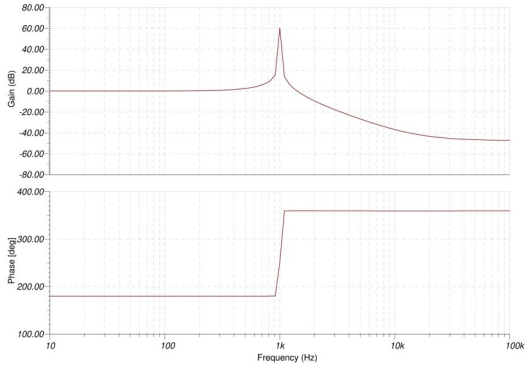

### V7=5V



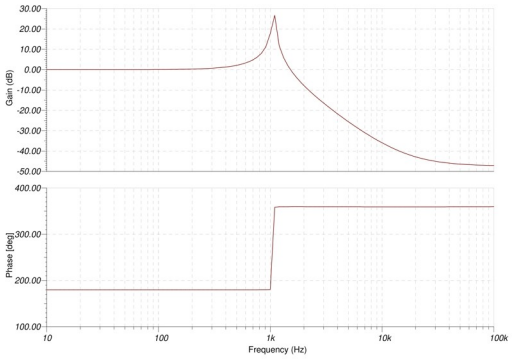



## Resonance Control

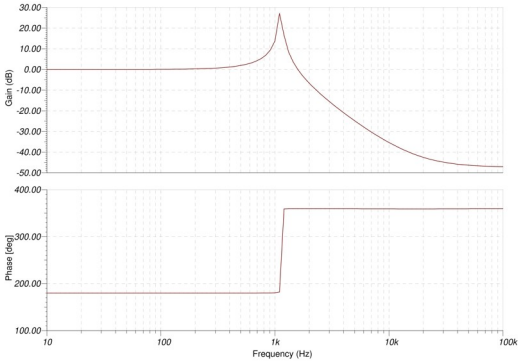
### P1 10%



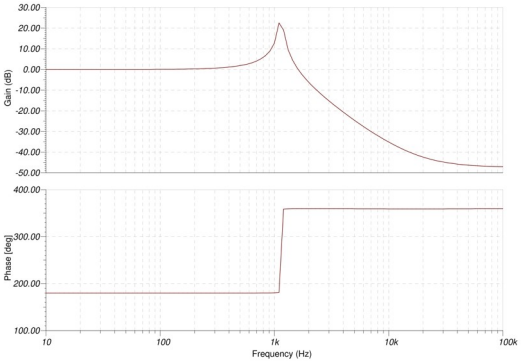

### P1 20%



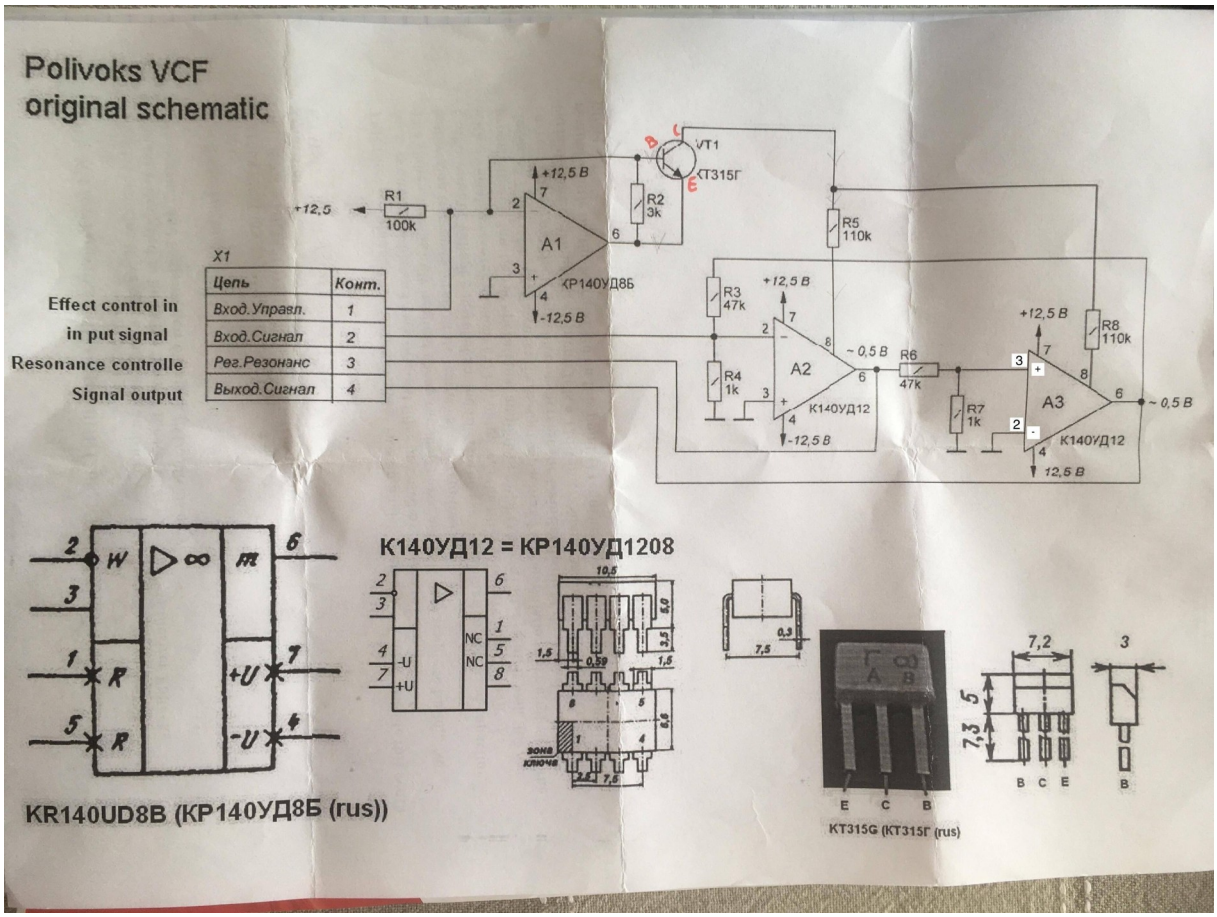

### P1 50%




### P1 100%




## The Original Polivoks VCF




**Zabb Csaba**