

# 8-bit successive approximation register analog-to-digital-converter

# Signal interface  
uio\_out[0] : When the output DFFs sample SAR output. If it does not come, then clock is too fast  
uo\_out[7:0] : Digital output. Two's complement  
ui\_in[0] : Enable ADC. Useful to measure current consumption  
clk : Clock, ~ 4 MHz

