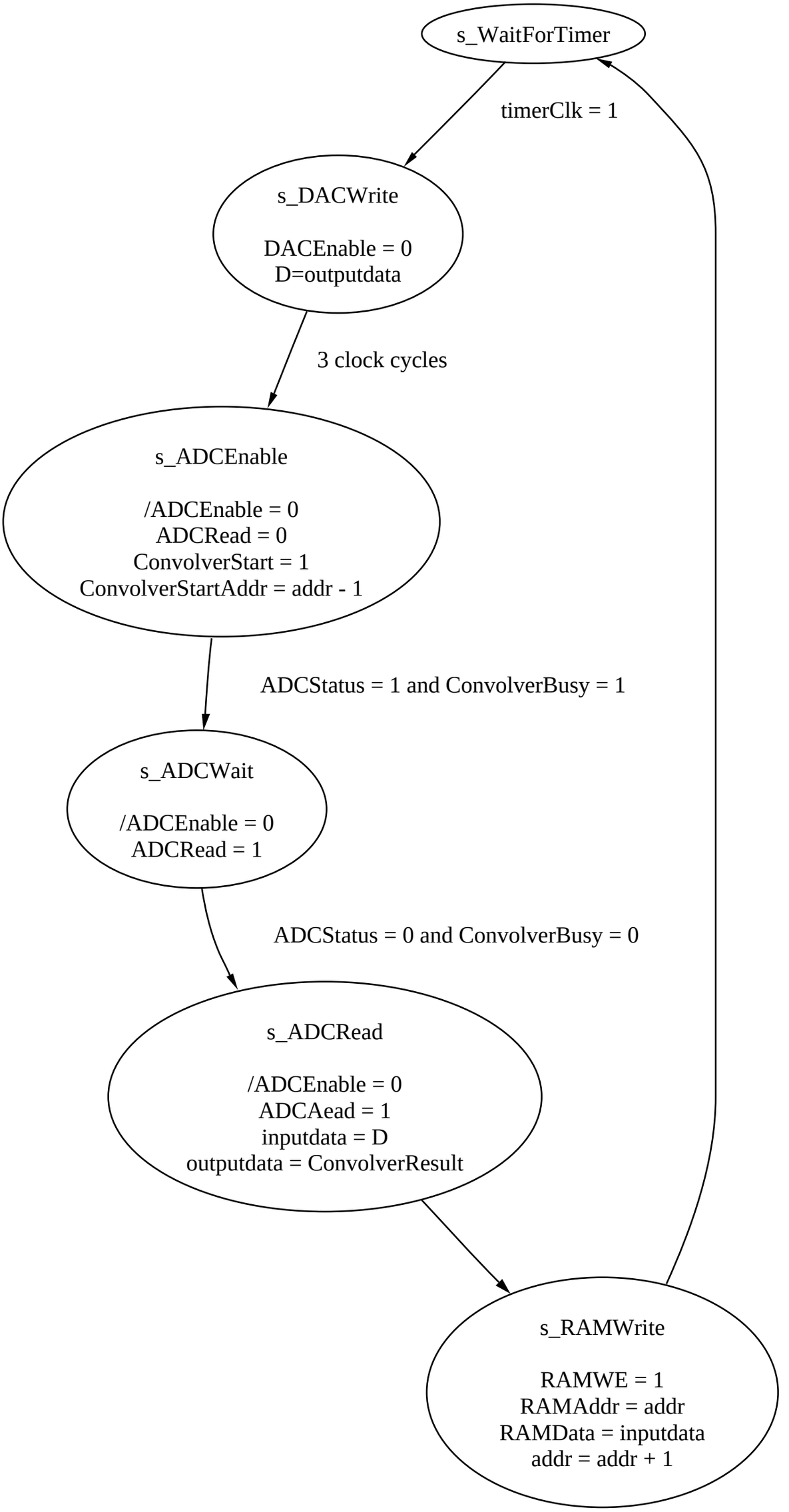
s_WaitForTimer
timerClk = 1
s_DACWrite
DACEnable = 0
D=outputdata
3 clock cycles
s_ADCEnable
/ADCEnable = 0
ADCRead = 0
ConvolverStart = 1
ConvolverStartAddr = addr - 1
ADCStatus = 1 and ConvolverBusy = 1
s_ADCWait
/ADCEnable = 0
ADCRead = 1
ADCStatus = 0 and ConvolverBusy = 0
s_ADCRead
/ADCEnable = 0
ADCAead = 1
inputdata = D
outputdata = ConvolverResult
s_RAMWrite
RAMWE = 1
RAMAddr = addr
RAMData = inputdata
addr = addr + 1