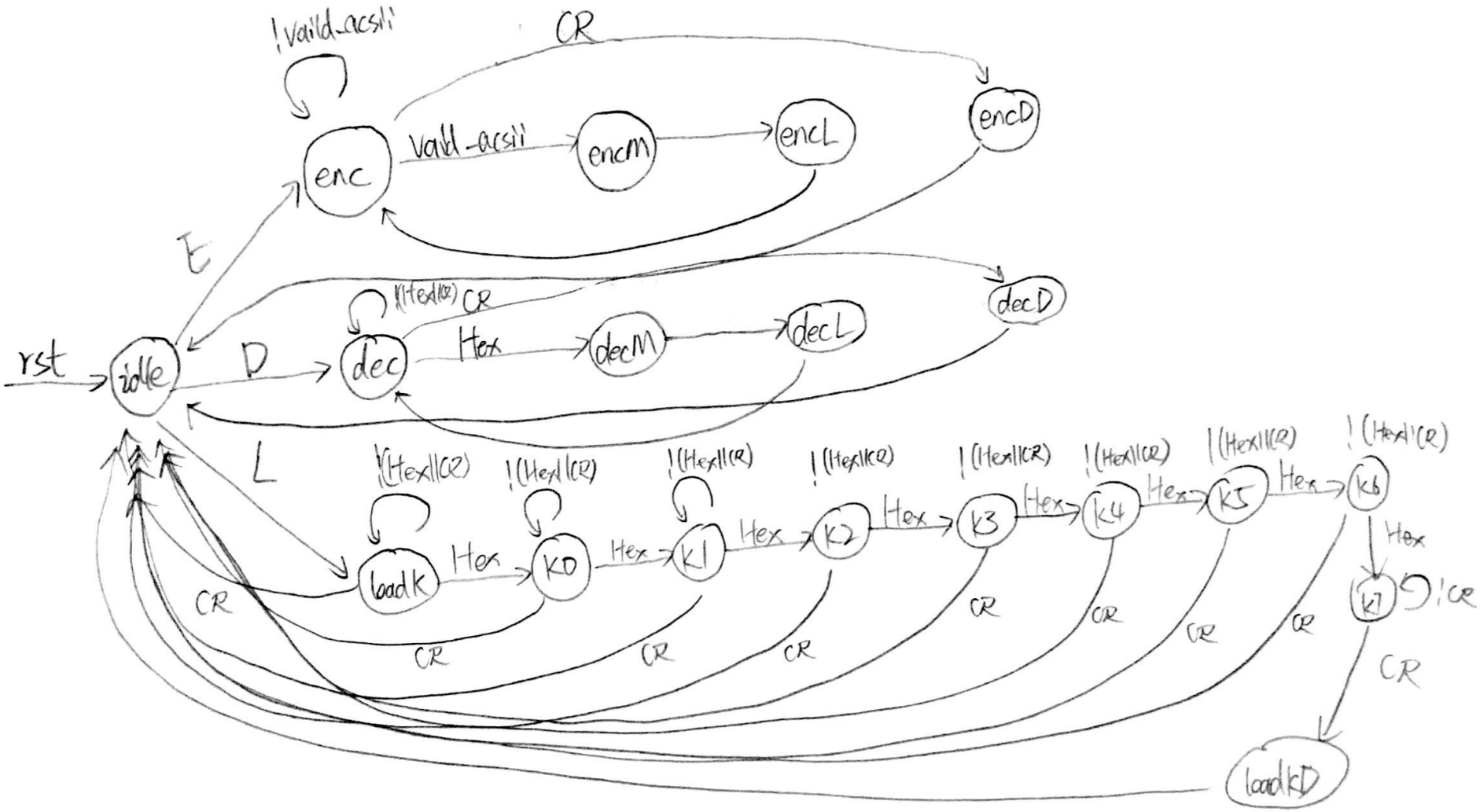

input; de_bigD, de_bigE, de_bigL, de_cr, de_hex, de_validAscii, input rst, input clk.

output;

enc; sccEncrypt=1, sccEldByte=1, sccEmsBitsLd=1.

encM; sccEncrypt=1, sccElsBitsLd=1, sccEmsBitsSL=1, L4_tx_data_rdy=1

encL; sccEncrypt=1, L4_tx_data_rdy=1

encD; L4_PrintBuf=1;

dec; sccDecrypt=1, sccDnibbleIEn=1

decM; sccDecrypt=1, sccDnibbleIEn=1

decL; sccDecrypt=1, L4_tx_data_rdy=1

decD; L4_PrintBuf=1

LoadK; SccLdkey[7]=1

K0; SccLdkey[6]=1

K1; SccLdkey[5]=1

K2; SccLdkey[4]=1

K3; SccLdkey[3]=1

K4; SccLdkey[2]=1

K5; SccLdkey[1]=1

K6; SccLdkey[0]=1, sccLdLFSR=1

K7;

LoadKD; L4_PrintBuf=1