Idle: if (!dr) goto datastore; else if (!lc) goto coeffload

Datastore: if (!dr) goto eidle;

Reg[5] = data;

Err = 0;

Zero: reg[0] = 0;

sort: reg[1] = reg[2];

reg[2] = reg[3];

reg[3] = reg[4];

reg[4] = reg[5];

mul1: reg[10] = reg[1] \* reg[6]; if (overflow) goto eidle;

sub: reg[0] = reg[0] + reg[10]; if (overflow) goto eidle;

mul1: reg[10] = reg[2] \* reg[7]; if (overflow) goto eidle;

add: reg[0] = reg[0] + reg[10]; if (overflow) goto eidle;

mul1: reg[10] = reg[3] \* reg[8]; if (overflow) goto eidle;

sub: reg[0] = reg[0] + reg[10]; if (overflow) goto eidle;

mul1: reg[10] = reg[4] \* reg[9]; if (overflow) goto eidle;

add: reg[0] = reg[0] + reg[10]; if (overflow) goto eidle; else goto idle

eidle: err = 1;

if (dr) goto store;

if (!dr) goto eidle;

coeffload1: reg[6] = coeff;

coeffload1: if (lc) reg[7] = coeff;

coeffload1: if (lc) reg[8] = coeff;

coeffload1: if (lc) reg[9] = coeff;