MAC design

A computer diagram of a network

Description automatically generated with medium confidence

Part of the design without registers

After adding flops to inputs

A computer diagram of a computer network

Description automatically generated with medium confidence

After adding flops at input and ooutput

A diagram of a computer network

Description automatically generated

Wns = 2.076ns

A diagram of a computer network

Description automatically generated

After 3rd level of reg

Wns – 5.058

Simulation bhv

A screen shot of a computer

Description automatically generated

Simulation timg

A screenshot of a computer

Description automatically generated

Simout.txt

xxxxx

xxxxx

xxxxx

xxxxx

feec0

ff248

ff180

fff58

001f0

ffd40

ff978

ff498

00078

00130

002d0

ffff8

fff70

ffde8

ff948

ffb18

ffa40

ff7a0

ff1f0

ff838

ffab0

ffbe8

002f8

ffeb8

ff7d0

ffa88

ffc28

ffc08

ff788

ffa48

ff5f8

fff40

ffbf8

ffe18

fffe0

000e8

011c8

00c08

00518

005b8

xxxxx

ACC unit simulation

A screenshot of a computer

Description automatically generated

MAC\_ACC

A diagram of a computer circuit

Description automatically generated

MAC\_ACC simulation

A screenshot of a video game

Description automatically generated