

I.A.2

Old, Merged I+II

I II

Sample +
Digitize

Analyze +
Decide

Sch. Schedule

Dispatch

Execute Handler

SW detects
rising edge

HW

Dig. In Port
V → I/O

Poll input, analyze,
Decide if it happened

Did it
happen?

Yes

No

Do B

...
Pick
Next
Code

Handle Event

HW Port detects
rising edge,
sets flag

Dig. In Port
V → I/O

Detect Edge,
Set flag

Poll flag,
decide

Handle Event

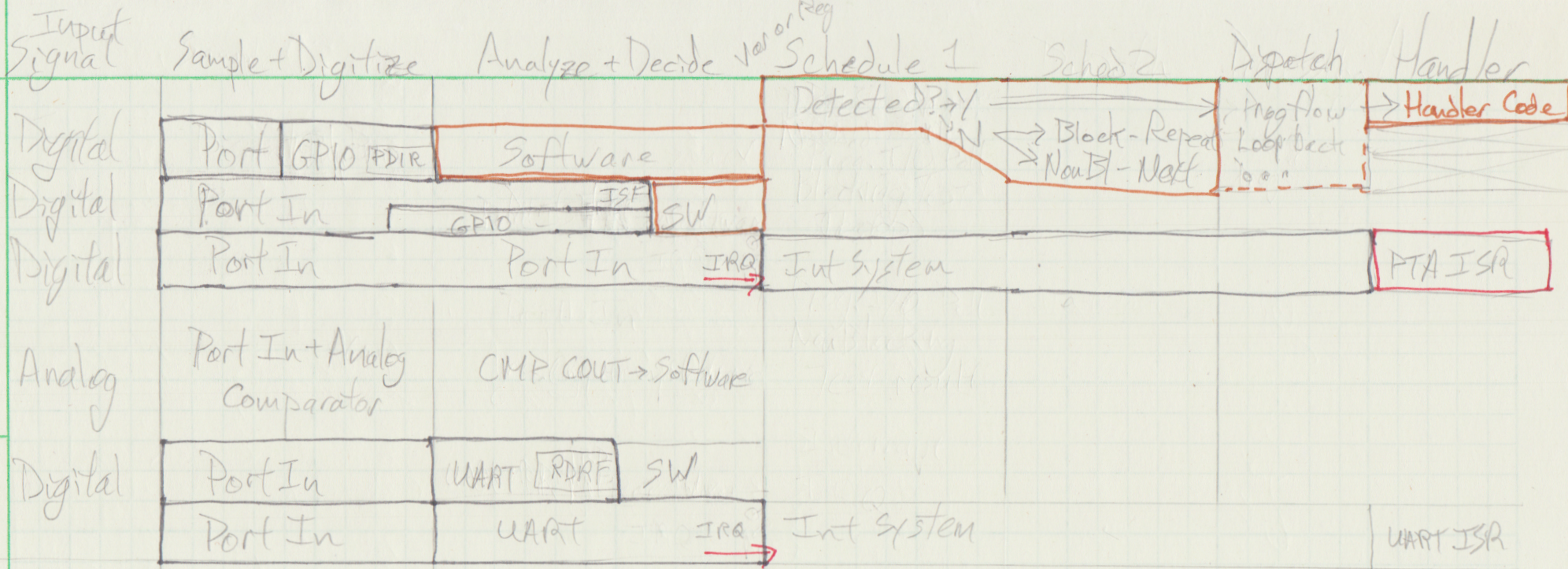
HW Port
requests
Interrupt

Dig. In Port
V → I/O

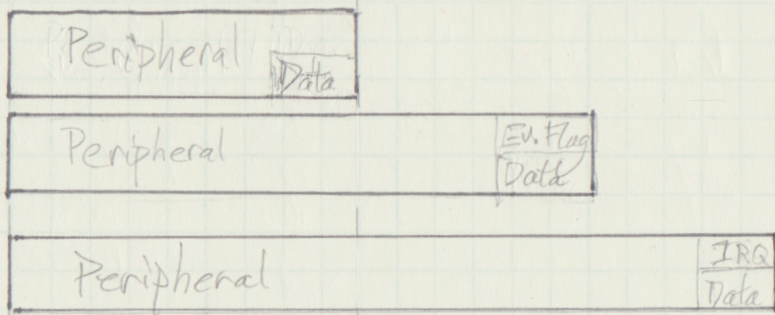
Detect Edge,
Request Int

Interrupt System

ISR Handles
Event



General Forums



Blocking vs. Non-Blocking Tests

