

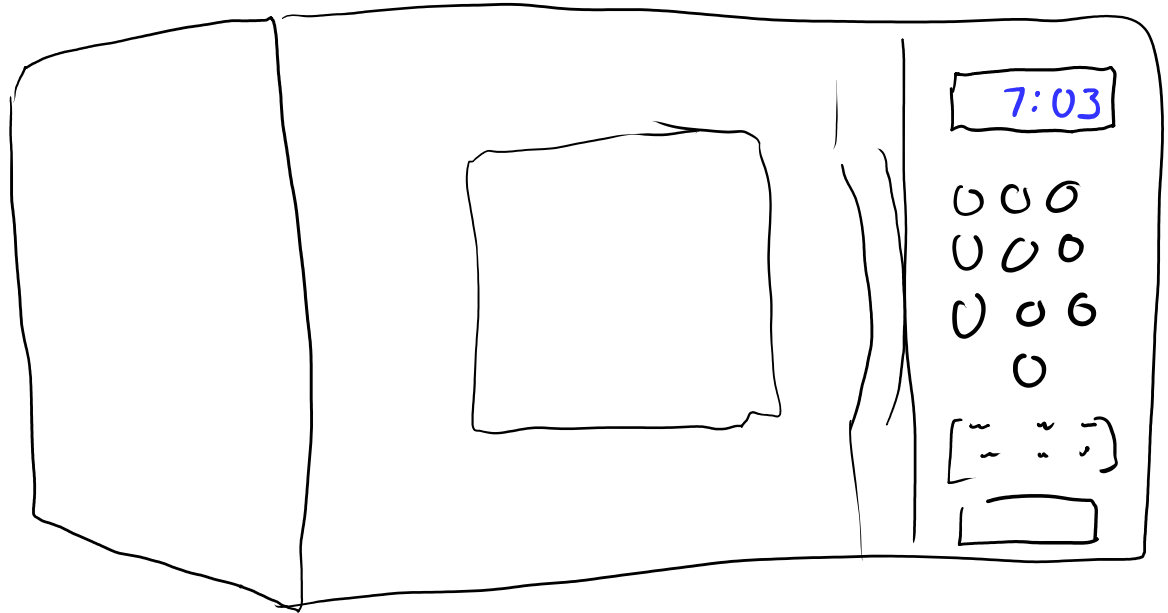
General-purpose

- can do what any computer can do

Programmable

Digital

Computer

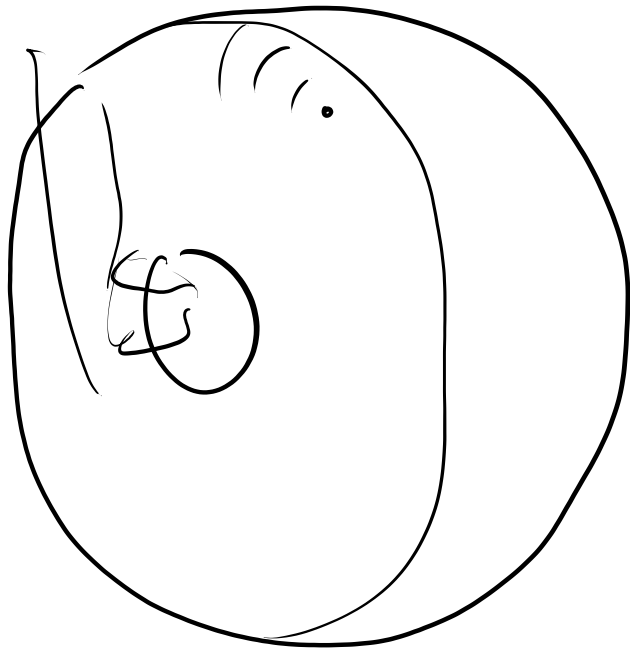


# ASIC

Application - Specific Integrated Circuit

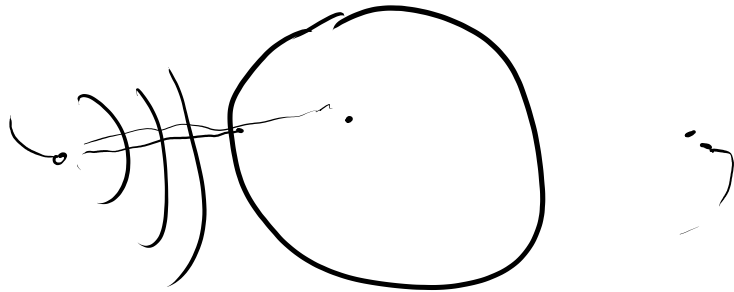
- Cheaper at scale, expensive design
- Faster at first, not updated

Low Tide pressure



# GPS

Current time  
their location



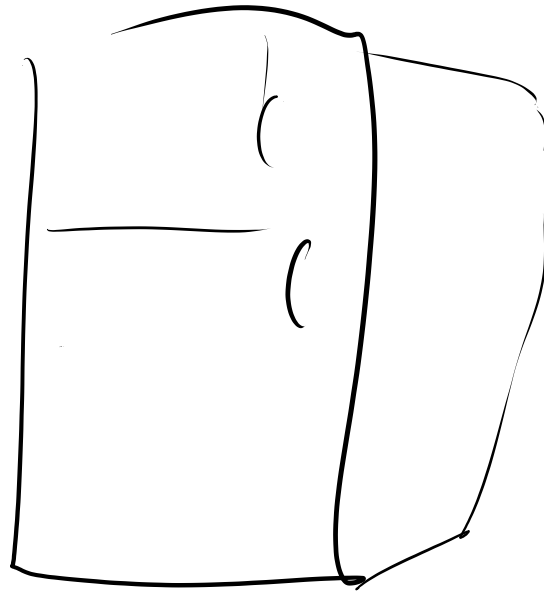
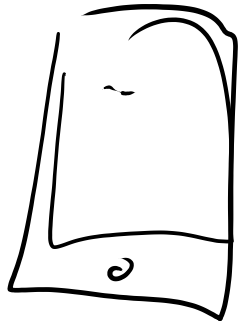
4 unknowns:

- lat
- long
- alt
- time

4 satellites

# Internet of Things (IoT)

Internet



Bot Net

many devices controlled by 1 hacker

Distributed Denial of Service attack

DDoS

Spam