1. The difficulty wirm along is that there is a let of hoise, meaning a lot of unwanted signals making analog systems have to prefix and control. A situation where one might be acceptable could be a temperature calculator?

2. It's a bad idea because the voltage value could easily fluctione around such a specific level so an inteded value of . AN Could easily change to . 54V, messing up the whole Signal

3. Ist: specifies set of instructions computer can perform, data types

Ex: ARM, Intel x86

Microarenatecture: How physical components are jut together

Ex: Cove i 7, xeon

to Probem, algorithm, program, ISA, microarchatecture, circuits, perices

Design choice at the algorithm level Jetermines how fast problem

can be solved.

Design choice in the ISA influences if the jevice will be small with lower power or bigger with more power.

1100+0100

BAPP P

12+ \$= 16

10000

0014 C

5 bits = overflow