

## Exercise 2.2-1

### All Quick Questions / Class Exercises to

#### 2.2 Silicon

▶ We had the following class exercises:

- What is the [approximate lateral](#) size of *one* transistor in an IC?
- Why are there no [16 GB memory chips](#) *now*?
- What [properties](#) should a semiconductor have for making IC's?
- What exactly produced [complexity and market growth rates](#) of 30 % for more than 30 years (for Si IC's)?
- [Where will it end?](#)
- What do you know about [MEMS](#)?
- Are there any [other uses of Si](#) you know off (or can find quickly)?



#### **Solution**