

The demand for chips will always increase , according to Moore's law states that the number of transistors on a microchip doubles about every two years .

Silicon is the backbone of electronics, but we are reaching the theoretical limit of what silicon can do. we solve this problem by revolutionizing chip industry. revolutionizing chip industry will make us to meet demand and also make chip with better properties.

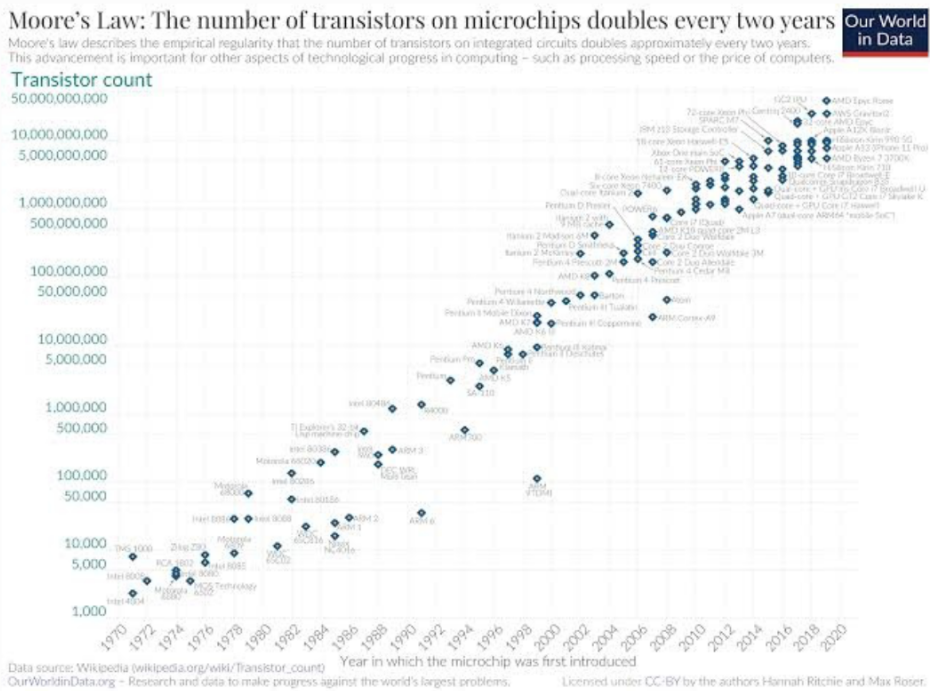


image credit:wikipedia

The revolution we need

we can revolutionize chip industry by using pyrite as raw material for making chips .

Pyrite is an iron sulfide with chemical formula FeS_2 , it is commonly called fool's gold .

Pyrite is the most abundant mineral on earth.

Why pyrite is better than silicon

1. pyrite is cheaper to purify and make.
2. Pyrite absorbs light 1,000 times better than silicon. this unique property makes it ideal for making solar panels .
3. the cost of extraction of silicon is about \$1.7 per kilogram, or more than 50 times as much as pyrite.

4. Pyrite is more abundant than silicon. the abundance will aid in mass production of pyrite chips.