

# Reasons to Clone a PCB

## 1. Replacing Obsolete Boards

If a PCB is no longer in production, cloning allows you to reproduce it for repairs and replacements. This is common in industrial equipment, military hardware, and medical devices where changing the design isn't an option.

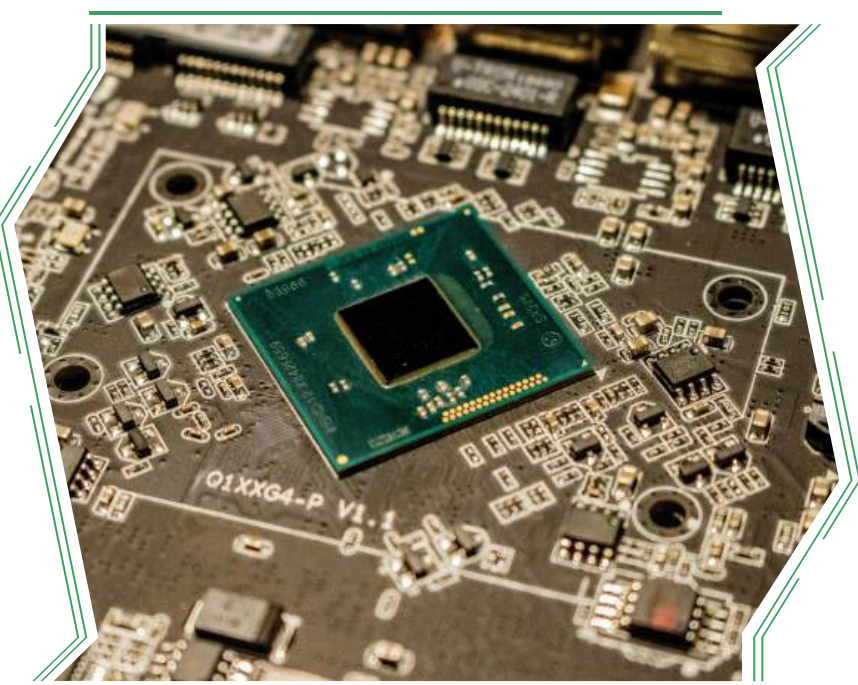


## 2. Cost Savings

Developing a new PCB from scratch takes time and money. Cloning eliminates the need for redesigning, prototyping, and testing. You get an exact copy of a working board without going through the entire development process.

## 3. Streamlining Production

A PCBA manufacturer can optimize production by cloning older PCBs. They built the original board with outdated methods, but cloning updates it for modern assembly techniques like automated through-hole assembly or SMT manufacturing.



## 4. Customization

Sometimes, a PCB works well but needs modifications. Cloning allows you to make small changes—like upgrading components or improving efficiency—without designing a new board from scratch.