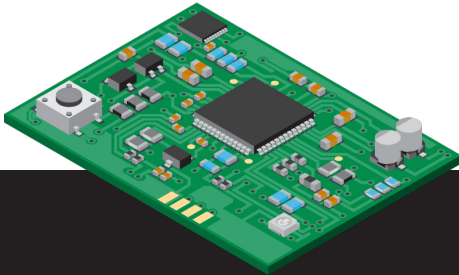


# PCB Colors Explained

## GREEN PCB

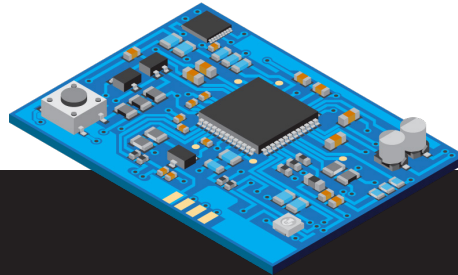


Easiest for soldering and inspection

Lowest cost, highest availability

Proven, reliable, no drama

## BLUE PCB

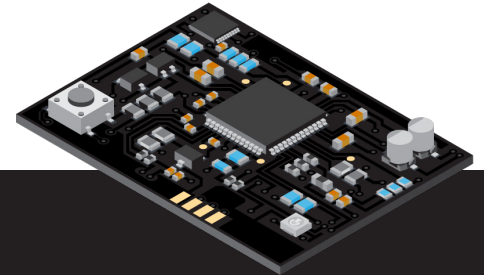


Great visibility for traces

Popular in high-end electronics

Modern aesthetic without being flashy

## BLACK PCB

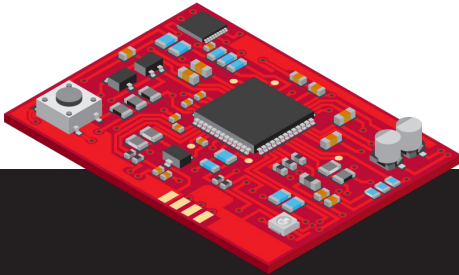


Sleek and high-end appearance

Used in premium consumer devices

Tougher to inspect during manufacturing

## RED PCB

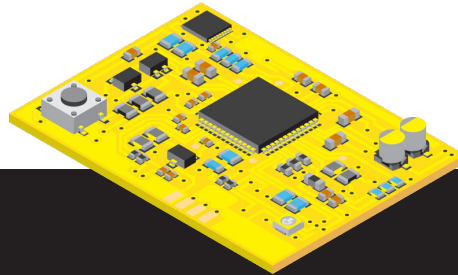


Bold with high visual contrast

Popular in gaming and custom hardware

Makes a statement

## YELLOW PCB

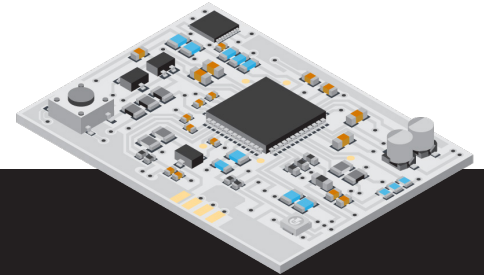


Extremely easy to spot defects

Rarely used in mainstream production

Often chosen for specialty applications

## WHITE PCB



Clean with strong light reflectivity

Great for LED and decorative applications

Can discolor over time

PCB color does **not** change electrical performance. Color is the solder mask and not the circuitry.  
When deciding what color to use, consider the following:



**PRODUCTION  
COST**



**MANUFACTURING  
EASE**



**INSPECTION  
EFFICIENCY**



**BRANDING AND  
PRODUCT**