

carboncalcpcf.com

Product Carbon Footprint Dashboard

# vshyjzksq

Total PCF: **10.35 kg CO2e**

Total Product Footprint

## Lifecycle Stage Breakdown

### Highlights

**10.35**

kg CO2e

- The **Use Phase** is the most significant contributor, accounting for approximately 60% of the total product carbon footprint. 6.21 kgCO2e (52.3%)
- **Material production**, particularly for electronic components (Populated PCB) and plastics (ABS), is a major upstream hotspot. 4.67 kgCO2e (39.5%)
- An active **End-of-Life recycling program** generates a substantial carbon credit, reducing the overall footprint by nearly 15%. 0.97 kgCO2e (-7.8%)

Transportation — 0.17 kgCO2e (1.4%)

Carbon Intensity

**10.35**

kg CO2e/unit

Top Material Hotspot

## Populated PCB