

Product Carbon Footprint for spxuixqxl

A detailed analysis based on GHG Protocol standards

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Total Product Carbon Footprint

8.08 kgCO₂e

Carbon Intensity

8.08 kgCO₂e / unit

Top Material Hotspot

PCB Components

3.00 kgCO₂e

Primary Emission Scope

Scope 3

(Upstream & Downstream)

Lifecycle Stage Breakdown



End-of-Life Treatment (Credit) -1.574 kgCO2e (-19.48%)

- Materials Acquisition
- Upstream Transport
- Production
- Downstream Transport
- Use Phase
- End-of-Life (Credit)

Note: Percentages may not sum exactly to 100% due to rounding and negative emissions from End-of-Life credits. Stacked bar shows gross emissions, EoL is a net credit.

Material Optimization: Explore alternative, lower-carbon materials or increase recycled content in electronics and plastics.

Energy Efficiency in Use: Invest in R&D to enhance product energy efficiency during operation and guide consumers on sustainable use.

Renewable Energy Sourcing: Expand renewable energy usage at manufacturing facilities and across the supply chain.

Logistics Optimization: Prioritize lower-emission transport modes and optimize routes for both inbound and outbound logistics.

Circular Economy Initiatives: Further promote and expand take-back and recycling programs to maximize material recovery.