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Product Carbon Footprint Report

For product: **gqouhkldhl**

Analysis by: ftkvymrlkj, Senior Sustainability Consultant

33.9 kgCO₂e

Total Product Carbon Footprint

33.9 kgCO₂e

Total Footprint

33.9 kgCO₂e/unit

Carbon Intensity

Printed Circuit Board (PCB)

Top Material Hotspot (1.50 kgCO₂e)

Scope 3 Downstream

Primary Emission Scope (71.3%)

Lifecycle Stage Breakdown

Use Phase	25.0 kgCO ₂ e (73.7%)
Materials	4.97 kgCO ₂ e (14.7%)
Manufacturing	4.5 kgCO ₂ e (13.3%)
Transportation	0.77 kgCO ₂ e (2.3%)
End-of-Life (Credit)	-1.34 kgCO ₂ e (-3.9%)

Top Material Carbon Impact

Printed Circuit Board (PCB)	1.50 kgCO ₂ e
ABS Plastic Casing	1.25 kgCO ₂ e
Lithium-ion Battery	1.20 kgCO ₂ e
Copper Wire	0.80 kgCO ₂ e

