

html

Product Carbon Footprint for jkidiwuiqm

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Total
PCF: **37.13 kg**
CO2e

Product Quantity

1.0 unit

System Boundary

Cradle-to-Grave

Top Hotspot Stage

Use Phase

Primary Emission Scope

Emission Breakdown

Lifecycle Stage Contribution

Materials & Capital	15.74 kgCO ₂ e
Production Energy	2.28 kgCO ₂ e
Logistics	0.64 kgCO ₂ e
Use Phase	20.00 kgCO ₂ e
End-of-Life (Credit)	-1.53 kgCO ₂ e

Material Carbon Impact

Aluminum Alloy	5.36 kgCO ₂ e
Silicon Microcontroller	5.00 kgCO ₂ e
Li-ion Battery Pack	2.40 kgCO ₂ e
Printed Circuit Board	1.50 kgCO ₂ e
ABS Plastic	0.75 kgCO ₂ e
Copper Wiring	0.15 kgCO ₂ e
Packaging	0.08 kgCO ₂ e

