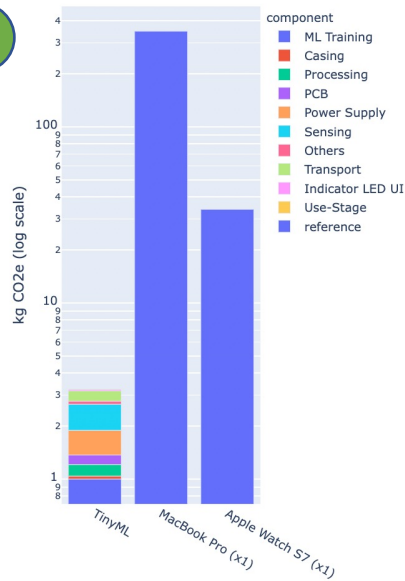


Embodied and Operational CO₂ Footprint



System

For more information on the usage of this TinyML CO₂ Footprint Calculator, please see our paper and documentation at github.com/harvard-edge/TinyML-Footprint

Application Presets

Vision
Classifier/Features

Anomaly Detection
Autoencoder

TinyML

☒ ML Training

DenseNet
0.10 kg CO₂e

MobileNetV1
1.00 kg CO₂e

Custom
Enter value

Custom ML Training kg CO₂e

☒ Casing

ABS 200g/Steel 20g
0.04 kg CO₂e

ABS 400g/Steel 80g
0.27 kg CO₂e

ABS 700g/Steel 300g
0.63 kg CO₂e

Custom
Enter value

Custom Casing kg CO₂e

☒ Processing

MCU 5 mm²
0.08 kg CO₂e

MCU 10 mm²
0.17 kg CO₂e

MCU 17 mm²
0.29 kg CO₂e

Custom
Enter value

Custom Processing kg CO₂e

☒ PCB

HSL-0 small
0.13 kg CO₂e

HSL-0 typical
0.16 kg CO₂e

HSL-0 large
0.24 kg CO₂e

Custom
Enter value

Custom PCB kg CO₂e

☒ Use-Stage

Continuous 1mW
0.01 kg CO₂e

Custom
Enter value

Custom Use-Stage kg CO₂e

Custom TinyML CO₂e Components

You can add additional custom fields to the TinyML configuration by entering them (formatted as YAML) below

ADD TO CALCULATOR