GigaDevice

# 2024

1
1. 2
1.1.
1.2.
1.3.
1.4.
2. 4
2.1.
2.2.
3. 6
3.1.
3.2.
4. 7
4.1. 2024
4.2.
4.3.
4.4.

2025

(ESG)

GHG Protocol 2024

2024

5,113,143.92 kg $CO_2e$

1,261,300.13 kg

$CO_2e$

2024

# 1.

## 1.1.

(GigaDevice) 2005 2016 8

MCU

" "

## 1.2.

1.1

| | | |
|---|---|---|
| | 2023 | 2024 |
| | 2023 | 2024 |
| | 2030 100% | |
| | 2030 2021 50% | |

**1.3.**

# 2.

## 2.1.

| | |
|---|---|
| **ISO14064-1:2018** | 100% |

2.2

| | | / |
|---|---|---|
| | | |
| | | |
| | | |
| | | $CO_2$<br>HFCs PFCs |
| | | |
| | | |

# 3.

## 3.1.

**IPCC2006**

= × × AD×EF×GWP

( ) $CO_2$ HFCs PFCs (95# )

**IPCC2006**

GWP **IPCC2007**

0.5%

3%

## 3.2.

**CPCD China Products Carbon Footprint Factors Database**

**GHG Protocol**

= × AD×EF

**CPCD China Products Carbon Footprint Factors Database**

**GB/T 51366-2019**

**2024**

2024 5,113,143.92 kg

e , 1,261,300.13

kg $CO_2e$ 1,616.21

2024 5,113,143.92 kg

e

4.1 2024

| IC-Park | kg $CO_2e$ | | kg $CO_2e$ | | kg $CO_2e$ | kg $CO_2e$ |
|---|---|---|---|---|---|---|
| 5,163.22L | 11,322.93 | 2,358.42 L | 5,172.02 | 3,991.00 L | 8,752.26 | 25,247.21 |
| / | / | / | / | / | / | / |
| / | 35,231.53 | / | 114,473.21 | / | 32,423.45 | 182,128.19 |
| 1,070,709.75 k | 0 | 8,966,581.00 k | 3,366,110.92 | | | |

**(1)**

4.2 [2]

| | | kg $CO_2e$ | | kg $CO_2e$ | | kg $CO_2e$ | kg $CO_2e$ |
|---|---|---|---|---|---|---|---|
| 95# | 5,163.22L | 11,322.93 | 2,358.42 L | 5,172.02 | 3,991.00 L | 8,752.26 | 25,247.21 |
| | / | / | / | / | / | / | / |
| | / | 35,231.53 | / | 114,473.21 | / | 32,423.45 | 182,128.19 |
| | | | | | | | **207,375.40** |

## 4.3.

2024

1,261,300.13 [5]

4.6 2024 3 kg $CO_2e$

| | | kg $CO_2e$ |
|---|---|---|
| | - | 226,587.56 |
| | - | 787,478.88 |
| | - | 247,233.69 |
| | | 1,261,300.13 |

2024

## 4.4.

2024 2024

12,737,023.53 k 0 $m^3$ 11,512.64 L 310,239 k

2024

4.7 2024

| | | |
|---|---|---|
| | | 50.83 |
| | 95# | 12.70 |
| | | 38.13 |
| | | 1,565.38 |
| | | 1,616.21 |
| | | 194.21 |

[5]

# 5.

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