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. 0
4.4. 0
5. 11

2025

(ESG)

GHG Protocol 2024

2024

5,113,143.92 kg CO_2e

1,261,300.13 kg

CO_2e

2024

D

1.

1.1.

(GigaDevice) 2005 2016 8

MCU

" "

1.2.

1.1

	2023	2024
	2023	2024
	2030 100%	
	2030 2021 50%	
	2060	
	2060	
	2030 60%	
	2030 100%	
	2060 100%	
	2060 100%	

1.3.

2006 IPCC 2019

EPA

2023-2025

CPCD China Products Carbon Footprint Factors Database

1.2

		EPA	
		EPA	
		IPCC 3.7	
		2023 2025	
		CPCD China Products Carbon Footprint Factors Database [1]	

2.

2.1.

ISO14064-1:2018	100%

2.2

		/
		CO_2 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

4.

4.1. 2024

2024 5,113,143.92 kg CO_2e , 1,261,300.13 kg CO_2e 1,616.21

4.2.

2024 5,113,143.92 kg CO_2e

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	2,699,732.78 k	1,539,657.60	4,905,768.52
		46,554.46		**3,485,765.15**		**1,580,833.31**	**5,113,143.92**

1) 2024

2) 3.

(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

95#

(2)

4.4 2024 kg CO_2e

				2024
k	kg CO_2e			

4.3.

2024

1,261,300.13 [5]

4.6 2024 3 kg CO_2e

		kg CO_2e
范围 ： 其他间接温室气体排放	-	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.

2024

2024

2024

2,535.085

2024