

Document Date: 2024-03-01

COMPANY OVERVIEW

Market Cap. (Mil USD)	\$7,628
Revenue (Mil USD)	\$6,503
No. of Employees	--
D&I Index Ranking	4512 / 6018
TRBC Ind. Group	Semiconductors & Semiconductor Equipment
Countries/ Region	United States of America
Fiscal Yr. End	2021-12-31
ESG Reporting Scope	

C+ ESG Score	A+ ESG Controversies Score	C+ ESG Combined Score
C- Environmental Pillar Score	B- Social Pillar Score	C Governance Pillar Score

ESG SUMMARY

Amkor Technology Inc is a(n) Semiconductors & Semiconductor Equipment company headquartered in the United States of America. For the fiscal year ended in December 2021, AMKR.O received an ESG score of 44.06 (Grade: C+).

Over the last 5 years, the company has an average ESG score of 38.37, and a median ESG score of 38.37. Refinitiv ESG score is calculated as a sum of weighted individual pillar scores. For AMKR.O, Environmental, Social, and Governance pillars are weighted 31.17%, 42.86%, and 25.97% respectively in ESG score weighting, consistent with companies within the Semiconductors & Semiconductor Equipment industry groups.

AMKR.O's controversy score of 100.00 (Grade: A+) is calculated based on total count of controversies related to the company, as collected by Refinitiv ESG team and normalized based on company's market capitalization. Discounted by its controversies, AMKR.O received an ESG Combined score of 44.06 (Grade: C+) for the year.

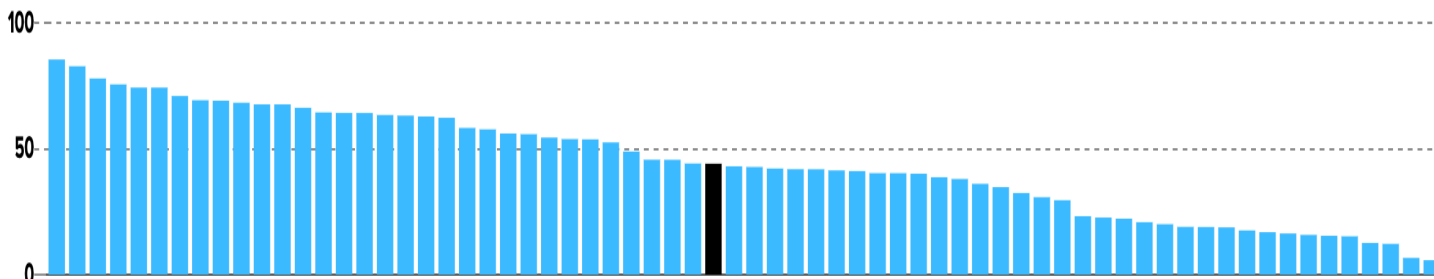
COMPANY RELATIVE PERFORMANCE

Company Ranking Compared to	Refinitiv ESG Universe	Refinitiv ESG Universe	Semiconductors & Semiconductor Equipment	United States of America	Semiconductors & Semiconductor Equipment / United States of America
Number of Companies	11751		222	3403	68
ESG Combined Score	5783		121	1181	31
ESG Score	6034		123	1329	33
Environmental Pillar Score	6466		137	1236	35
Social Pillar Score	4064		87	918	24
Governance Pillar Score	7669		161	2098	52
ESG Controversy Score	1		1	1	1

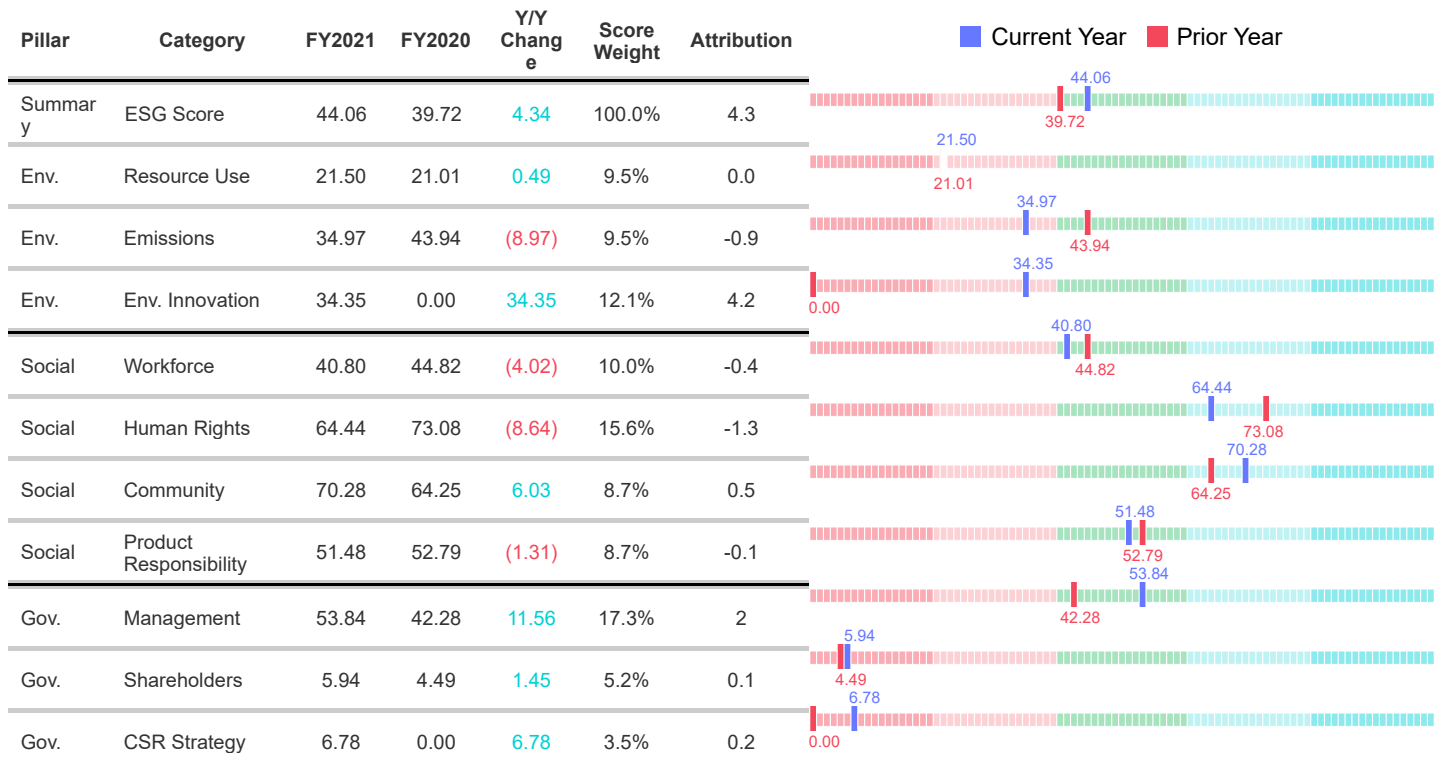
Amkor Technology Inc - 44.06 (C+) - Ranked 33 of 68

Metric: ESG Score

Peers: Semiconductors & Semiconductor Equipment / United States of America



YEAR-OVER-YEAR ESG PERFORMANCE - ATTRIBUTION



YEAR-OVER-YEAR ESG PERFORMANCE - MATERIAL FACTORS

Changes in company's year-over-year ESG scores are driven by two factors: Company's relative ranking against its peers, and changes in underlying data as reported by company. In the table below, "Metric Score" section identifies material changes in scores and the "Metric Value" section highlights any changes in the underlying values. Materiality is defined as any directional changes in scores greater than 8.33 (approximately one letter grade).

			Metric Score			Metric Value		
Pillar	Category	Metric Name	FY2021	FY2020	YoY Change	FY2021	FY2020	YoY Change
Env.	Resource Use	Total Energy Use To Revenues USD in million	33.46	--	33.46	1,124.09	--	1,124.09
Env.	Resource Use	Renewable Energy Use Ratio	9.57	--	9.57	0.05%	--	0.05%
Env.	Resource Use	Total Renewable Energy To Energy Use in million	27.08	--	27.08	4,000.00	--	4,000.00
Env.	Resource Use	Water Use To Revenues USD in million	21.03	--	21.03	2,529.79	--	2,529.79
Env.	Emissions	Total Hazardous Waste To Revenues USD in million	34.90	47.40	(12.50)	1.77	1.61	0.16
Env.	Environmental Innovation	Environmental Products	69.34	0.00	69.34	TRUE	FALSE	Yes
Env.	Environmental Innovation	Product Impact Minimization	69.10	0.00	69.10	TRUE	FALSE	Yes
Social	Workforce	Employees Health & Safety Team	68.40	0.00	68.40	TRUE	FALSE	Yes
Social	Workforce	Net Employment Creation	36.11	23.89	12.22	4.65%	-2.02%	6.67%
Social	Community	Improvement Tools Business Ethics	66.27	0.00	66.27	TRUE	FALSE	Yes
Gov.	Management	Board Gender Diversity, Percent	28.58	37.91	(9.33)	18.18%	18.18%	0.00%
Gov.	Management	Independent Board Members	23.70	10.74	12.96	72.73%	61.54%	11.19%
Gov.	Management	Highest Remuneration Package	53.88	21.02	32.86	\$5,111,380	\$9,736,150	(\$4,624,770)
Gov.	CSR Strategy	CSR Sustainability Committee	78.03	0.00	78.03	TRUE	FALSE	Yes

PERFORMANCE DRIVER SUMMARY

AMKR.O's ESG score changed from previous year's 39.72 to 44.06, improving marginally, driven by changes in 10 of the 10 ESG categories.

Relative improvements in Env. Innovation, Management, CSR Strategy categories were partially offset by relative deteriorations in Emissions, Human Rights, Workforce categories (See Year-Over-Year ESG Performance - Attribution section for details)

At the metrics level, changes in 78 out of 152 number of metric scores are the primary drivers for category and summary score changes.

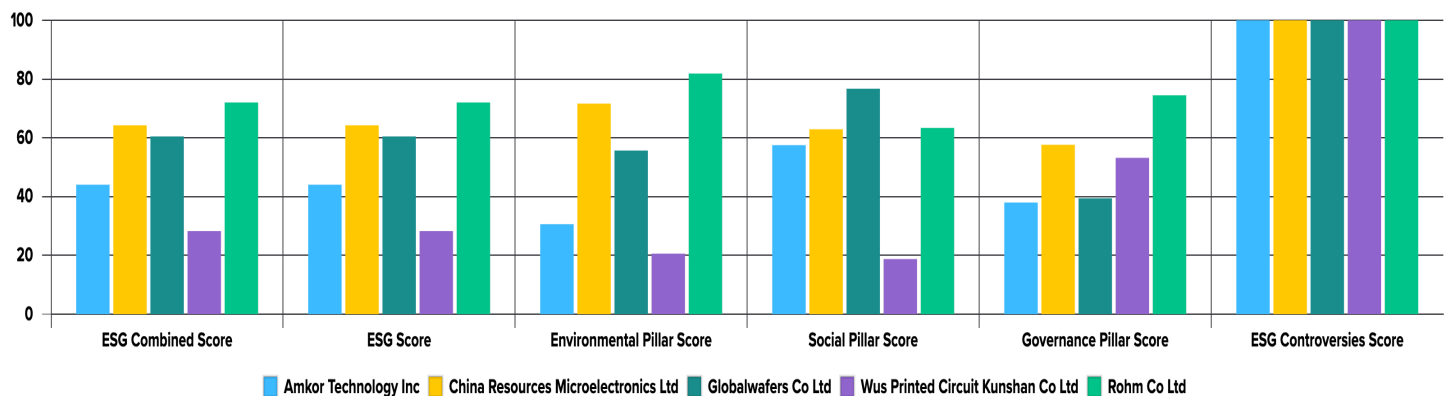
Of the 78 metrics identified, changes in relative ranking against peers drove 55 number of changes while changes in underlying reported metric values drove the rest (See Year-Over-Year ESG Performance - Material Factor section for details)

Please note changes in ESG scores are driven by two primary factors: Changes in underlying company-reported metric values and/or their relative ranking to the peer group.

PEER SUMMARY

Closest four peers by market capitalization and Semiconductors & Semiconductor Equipment

	AMKR.OQ	688396.SS	6488.TWO	002463.SZ	6963.T
	Amkor Technology Inc	China Resources Microelectronics Ltd	Globalwafers Co Ltd	Wus Printed Circuit Kunshan Co Ltd	Rohm Co Ltd
Company Market Cap (Mil USD)	\$7,628	\$7,967	\$7,722	\$7,235	\$7,056
Total Revenue (Mil USD)	\$6,503	\$1,459	\$2,303	\$1,209	\$3,825
ESG Combined Score	44.06	64.27	60.48	28.28	72.03
ESG Score	44.06	64.27	60.48	28.28	72.03
Environmental Pillar Score	30.62	71.65	55.68	20.60	81.88
Social Pillar Score	57.51	62.92	76.72	18.76	63.38
Governance Pillar Score	37.99	57.64	39.42	53.20	74.48
ESG Controversies Score	100.00	100.00	100.00	100.00	100.00

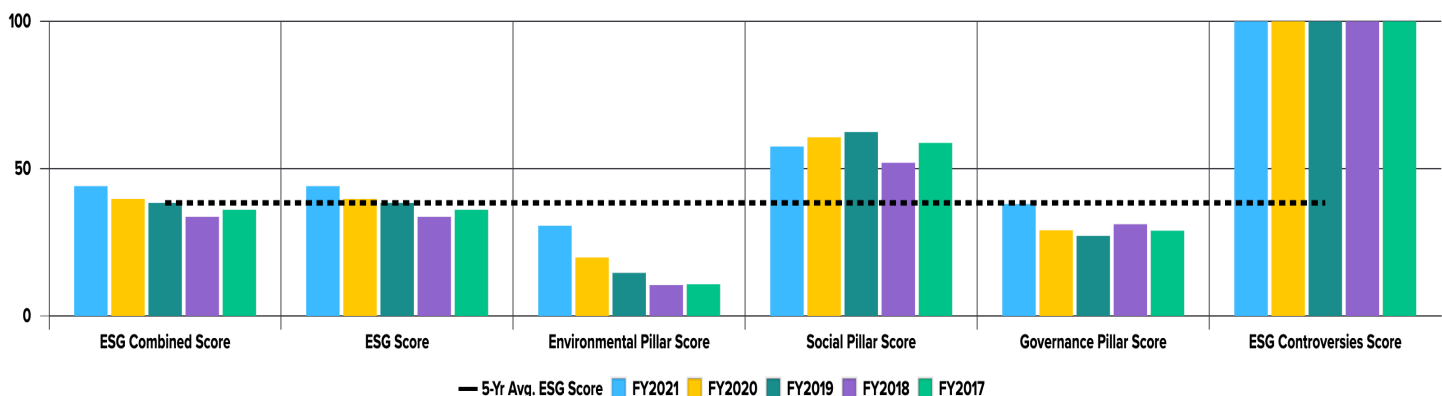


PEER DETAIL

	AMKR.OQ	688396.SS	6488.TWO	002463.SZ	6963.T
	Amkor Technology Inc	China Resources Microelectronics Ltd	Globalwafers Co Ltd	Wus Printed Circuit Kunshan Co Ltd	Rohm Co Ltd
Policy Water Efficiency	FALSE	TRUE	TRUE	TRUE	TRUE
Policy Energy Efficiency	TRUE	TRUE	TRUE	TRUE	TRUE
Targets Water Efficiency	TRUE	FALSE	TRUE	FALSE	TRUE
Targets Energy Efficiency	FALSE	TRUE	TRUE	FALSE	FALSE
Total Energy Use To Revenues USD in million	1,124.09	1,780.91	2,018.86	--	1,654.83
Renewable Energy Use Ratio	0.05%	--	--	--	6.81%
Water Use To Revenues USD in million	2,529.79	--	8,597.77	--	3,156.91
Water Recycled	--	--	5,256,000.00	--	--

HISTORIC PERFORMANCE

	FY2021	FY2020	FY2019	FY2018	FY2017
Period End Date	2021-12-31	2020-12-31	2019-12-31	2018-12-31	2017-12-31
Historic Market Cap (Mil USD)	\$6,062	\$3,656	\$3,117	\$1,571	\$2,405
Total Revenue (Mil USD)	\$6,138	\$5,051	\$4,053	\$4,316	\$4,207
ESG Combined Score	C+	C	C	C	C
ESG Score	C+	C	C	C	C
Environmental Pillar Score	C-	D+	D	D	D
Social Pillar Score	B-	B	B	B-	B
Governance Pillar Score	C	C-	C-	C-	C-
ESG Controversies Score	A+	A+	A+	A+	A+



HISTORIC PERFORMANCE SUMMARY

Over the last 5 reporting periods, AMKR.O has an average ESG score of 38.37, ranging from a high of 44.06 (FY2021) to a low of 33.64 (FY2018).

Of the three pillars that make up the overall ESG score, Social pillar performed the best, with an 5-year average score of 58.26, followed by Governance pillar (Average score: 30.86) and then Environmental pillar (Average score: 17.26).

By category and on average, Human Rights, Community, and Product Responsibility are the three best performing categories over the last 5 years while CSR Strategy, Shareholders, and Env. Innovation are the three laggard categories during the same period.

CONTROVERSIAL BUSINESS PRACTICES

Does the company engage in any controversial business activities? **No**

Did the company have any controversies in violation of the Ten Principles of the UN Global Compact?

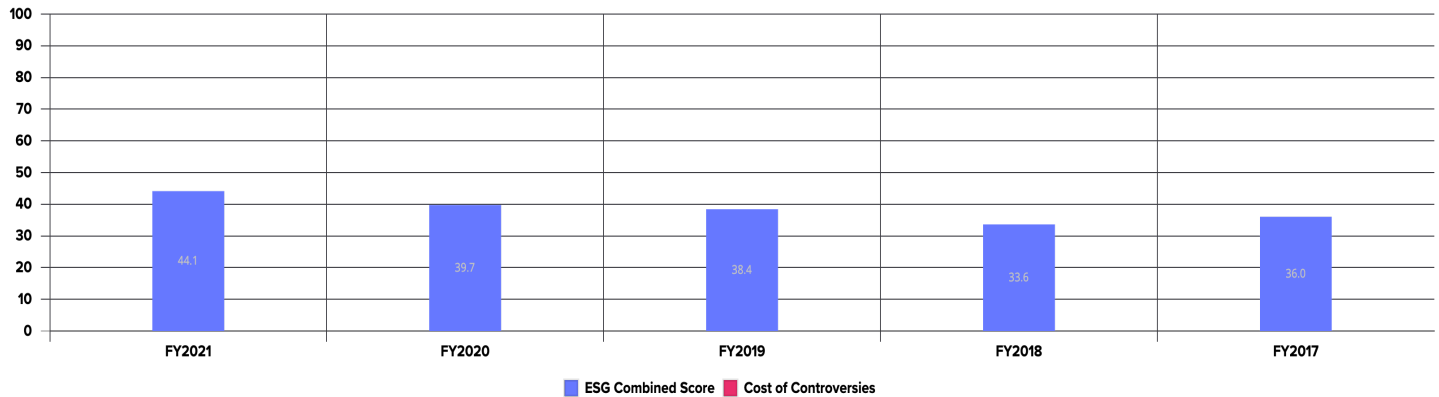
No

ESG CONTROVERSIES

Bad press can be costly to companies. Controversies reported in the media can bring damages to reputation, future business opportunities, and ultimately the bottom line.

ESG controversies score aims to recognize these potential damages, and account for these factors in the scoring of a company's overall ESG performance. From a scoring perspective, controversies could significantly impact a company's overall rating in a negative way.

Below is a list of controversies collected from the public domain.



ESG CONTROVERSIES DETAILS

Fiscal Period	Source Date	Category	Title	Link
FY2019	2019-02-12	Shareholders - Controversies	Profit Warnings	Amkor Technology Q4 Earnings Per Share \$0.12 - Reuters News

ESG METHODOLOGY

Refinitiv's ESG Scores are designed to transparently and objectively measure a company's relative ESG performance across ten themes based on company reported data. Below document provides detailed information on ESG scoring methodology.

[ESG Scores Methodology](#)

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