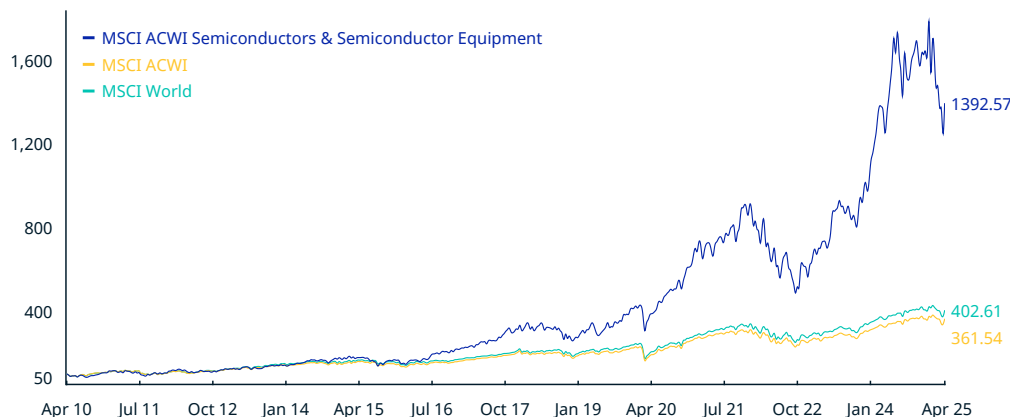


# MSCI ACWI Semiconductors & Semiconductor Equipment Index (USD)

The MSCI ACWI Semiconductors and Semiconductor Equipment Index is composed of large and mid-cap stocks across 23 Developed and 24 Emerging Markets countries\*. All securities in the index are classified in the Semiconductors and Semiconductor Equipment Industry (within the Information Technology) according to the Global Industry Classification Standard (GICS®).

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (APR 2010 – APR 2025)



## ANNUAL PERFORMANCE (%)

| Year | MSCI ACWI Semiconductors & Semiconductor Equipment | MSCI ACWI | MSCI World |
|------|--|-----------|------------|
| 2024 | 59.86  | 17.49     | 18.67      |
| 2023 | 78.35  | 22.20     | 23.79      |
| 2022 | -36.67   | -18.36    | -18.14     |
| 2021 | 44.90  | 18.54     | 21.82      |
| 2020 | 51.87  | 16.25     | 15.90      |
| 2019 | 55.45  | 26.60     | 27.67      |
| 2018 | -12.41   | -9.41     | -8.71      |
| 2017 | 41.31  | 23.97     | 22.40      |
| 2016 | 29.91  | 7.86      | 7.51       |
| 2015 | -5.95  | -2.36     | -0.87      |
| 2014 | 21.69  | 4.16      | 4.94       |
| 2013 | 20.86  | 22.80     | 26.68      |
| 2012 | 16.00  | 16.13     | 15.83      |
| 2011 | -3.31  | -7.35     | -5.54      |

## INDEX PERFORMANCE – NET RETURNS (%) (APR 30, 2025)

|  | ANNUALIZED |        |       |        |       |       |       |                    | FUNDAMENTALS (APR 30, 2025) |       |         |      |
|--|------------|--------|-------|--------|-------|-------|-------|--------------------|-----------------------------|-------|---------|------|
|  | 1 Mo       | 3 Mo   | 1 Yr  | YTD    | 3 Yr  | 5 Yr  | 10 Yr | Since Dec 29, 2000 | Div Yld (%)                 | P/E   | P/E Fwd | P/BV |
| MSCI ACWI Semiconductors & Semiconductor Equipment | 1.59       | -12.22 | 6.93  | -15.24 | 27.46 | 28.77 | 23.00 | 10.80              | 0.90                        | 32.01 | 19.36   | 7.29 |
| MSCI ACWI  | 0.93       | -3.64  | 11.84 | -0.40  | 10.27 | 13.07 | 8.63  | 6.41               | 1.95                        | 20.24 | 17.16   | 3.06 |
| MSCI World   | 0.89       | -4.30  | 12.16 | -0.92  | 11.06 | 13.95 | 9.34  | 6.54               | 1.86                        | 21.23 | 18.09   | 3.32 |

## INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2025)

|  | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since Dec 29, 2000 | MAXIMUM DRAWDOWN |                       |
|--|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|------------------|-----------------------|
|  |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    | (%)              | Period YYYY-MM-DD     |
| MSCI ACWI Semiconductors & Semiconductor Equipment | 1.54                      | 33.62                               | 29.73 | 25.56 | 0.76                        | 0.92 | 0.87  | 0.44               | 66.69            | 2001-01-31–2008-11-20 |
| MSCI ACWI  | 2.60                      | 15.46                               | 15.25 | 14.82 | 0.43                        | 0.71 | 0.50  | 0.36               | 58.38            | 2007-10-31–2009-03-09 |
| MSCI World   | 2.39                      | 15.86                               | 15.76 | 15.05 | 0.47                        | 0.74 | 0.54  | 0.36               | 57.82            | 2007-10-31–2009-03-09 |

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

\* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US. EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI Semiconductors & Semiconductor Equipment Index was launched on Jan 01, 2001. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

## INDEX CHARACTERISTICS

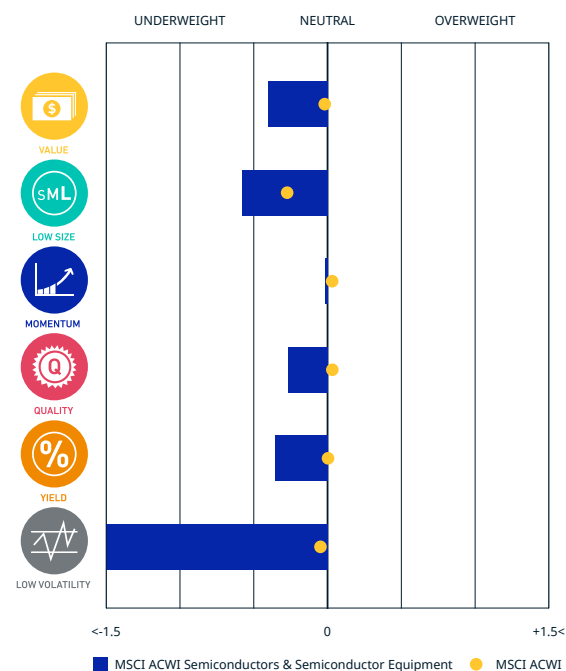
| MSCI ACWI Semiconductors & Semiconductor Equipment |              |
|--|--------------|
| <b>Number of Constituents</b>                      | 89           |
| Mkt Cap (USD Millions)                             |              |
| <b>Index</b>                                       | 6,227,001.48 |
| <b>Largest</b>                                     | 2,667,450.80 |
| <b>Smallest</b>                                    | 160.15       |
| <b>Average</b>                                     | 69,966.31    |
| <b>Median</b>                                      | 2,849.34     |

## TOP 10 CONSTITUENTS

|                          | Country | Float Adj Mkt Cap (USD Billions) | Index Wt. (%) |
|--------------------------|---------|----------------------------------|---------------|
| NVIDIA                   | US      | 2,667.45                         | 42.84         |
| BROADCOM                 | US      | 857.07                           | 13.76         |
| TAIWAN SEMICONDUCTOR MFG | TW      | 699.42                           | 11.23         |
| ASML HLDG                | NL      | 260.78                           | 4.19          |
| QUALCOMM                 | US      | 164.94                           | 2.65          |
| ADVANCED MICRO DEVICES   | US      | 157.98                           | 2.54          |
| TEXAS INSTRUMENTS        | US      | 146.00                           | 2.34          |
| APPLIED MATERIALS        | US      | 122.63                           | 1.97          |
| ANALOG DEVICES           | US      | 96.70                            | 1.55          |
| KLA CORPORATION          | US      | 93.99                            | 1.51          |
| <b>Total</b>             |         | <b>5,266.96</b>                  | <b>84.58</b>  |

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

## MSCI FACTOR BOX



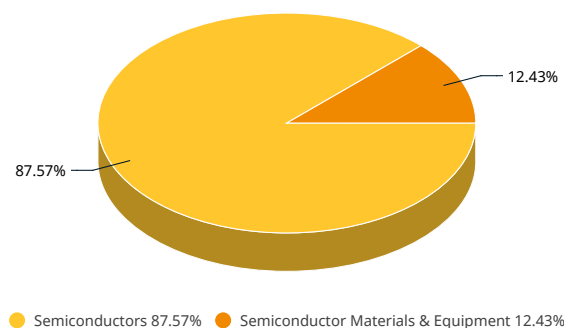
## MSCI FaCS

- VALUE**  
Relatively Inexpensive Stocks
- LOW SIZE**  
Smaller Companies
- MOMENTUM**  
Rising Stocks
- QUALITY**  
Sound Balance Sheet Stocks
- YIELD**  
Cash Flow Paid Out
- LOW VOLATILITY**  
Lower Risk Stocks

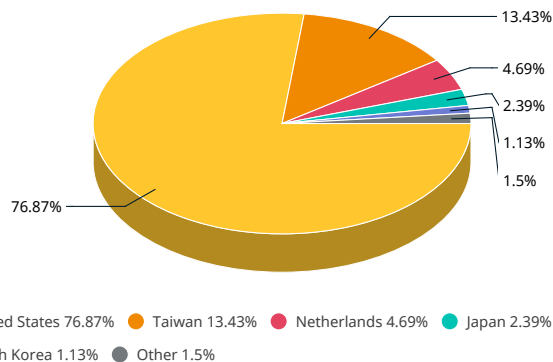
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

## SUB-INDUSTRY WEIGHTS



## COUNTRY WEIGHTS



## MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

## ABOUT MSCI

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