



VettaFi AI Chipmaking Index

CHIP

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Introduction

Index Objective

The VettaFi AI Chipmaking Index tracks global companies driving the hardware backbone of the artificial intelligence boom. It monitors the stock performance of businesses essential to the actual manufacturing process, specifically targeting three critical sectors:

- Wafer Fabrication Equipment: the machinery used to build the foundational silicon (or “wafer”) used in AI chipmaking.
- Advanced Packaging: the high-tech semiconductor assembly required to achieve the function, performance, and power gains required for complex AI architectures.
- Metrology: the precision testing and measurement used in the AI chip manufacturing process for advanced chip yields.

Highlights

The Index uses a modified free float market capitalization weighting algorithm where companies are weighted within their segment. 50% of the index weight is assigned to Wafer Fabrication Equipment companies, 25% to Advanced Packaging companies and 25% to Metrology companies.

Dates

Reference Dates:

Reconstitution Dates: The index reconstitutes quarterly on the COB of the third Friday in March, June, September, and December.

Weight Date: The index is weighted on the first business day prior to the 2nd Friday of the rebalancing month.

Rebalance Dates: The index rebalances quarterly on the COB of the third Friday in March, June, September, and December.

Selection Date: Companies are selected for inclusion on the COB of the last business day of the month prior the rebalancing month.

Supporting Documents

This methodology is meant to be read in conjunction with supporting documents providing greater detail with respect to the policies, procedures and calculations described herein.

The list of the main supplemental documents for this methodology can be found in the Methodologies and Governance tabs on the [Index Resources](#) page as follows:

Supporting Documents
Index Maintenance Policy

Index Governance
Index Policies
Methodology Policies
Glossary
Index Change and Consultation Policy

Eligibility Criteria and Index Construction

Universe

Global equities trading on developed market exchanges.

Index Construction

Constituent Selection

All Companies that meet the following criteria are included in the index:

- Minimum Thematic Exposure:
 - Constituent business operations must derive more than 50% of their revenues from one of the following three segments:
 - Wafer Fabrication Equipment
 - Advanced Packaging
 - Metrology
 - Companies with Specialty Chemicals (701010103) sub-industry classification are excluded from the index
- Market Cap of 1billion USD/ 800million USD for current constituents
- 20% Free Float
- 3-month Average Daily Traded Value (ADTV) of 1 million USD

Constituent Weightings & Constraints

The index is float-modified market cap weighted within each segment. The following weights are applied to each segment:

- 50% Wafer Fabrication Equipment
- 25% Advanced Packaging
- 25% Metrology

Securities are capped at 5% and given a minimum weight of 0.3%.

Index Maintenance

Rebalancing and Reconstitution

The Indexes are rebalanced on the “Rebalance Date” and additionally reconstituted on the “Reconstitution Date”. Pricing used in share weights used for reconstitutions are as of the “Weight Date”. Share weights for the rebalanced Indexes are computed as of the “Weight Date”. Changes to the Indexes related to the rebalances are as of the “Rebalance Date”. Additions are only made on reconstitution dates.

Corporate Actions

Please refer to the Index Maintenance Policy document for information on Corporate Action processing.

Index Information

Index history availability, base dates and base values are shown in the table below.

Index	Price Index	Base Date	Base Value	Total Return Index	Base Date	Base Value	Net Total Return Index	Base Date	Base Value
VettaFi AI Chipmaking Index	CHIP	12/18/2020	1000	CHIPT	12/18/2020	1000	CHIPN	12/18/2020	1000

Index Calculation

Please refer to the Index Maintenance Policy document for information on index calculations.

Index Governance

The index is governed and administered by a VettaFi Index Committee for the purpose of meeting the goals of the index. For more information, please refer to the Index Governance document.

Index Policies

Please refer to the Index Policies document for information regarding Announcements, Holiday Schedules, Unexpected Exchange Closures, and Recalculation Policy.

Contact Information

For any questions regarding an index, please contact: index.production@vettafi.com

Disclaimer

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