

# Global X China Semiconductor ETF (3191/9191)

Investors should not base investment decisions on this website alone. Please refer to the Prospectus for details including the product features and the risk factors. Investment involves risks. There is no guarantee of the repayment of the principal. Investors should note:

**Global X China Semiconductor ETF's** (the "Fund's") investment in equity securities is subject to general market risks, whose value may fluctuate due to various factors, such as changes in investment sentiment, political and economic conditions and issuer-specific factors.

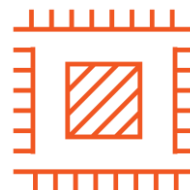
Semiconductor industry may be affected by particular economic or market events, such as domestic and international competition pressures, rapid obsolescence of products, the economic performance of the customers of semiconductor companies and capital equipment expenditures. These companies rely on significant spending on research and development that may cause the value of securities of all companies within this sector of the market to deteriorate.

China is an emerging market. The Fund invests in Chinese companies which may involve increased risks and special considerations not typically associated with investments in more developed markets, such as liquidity risk, currency risks, political risk, legal and taxation risks, and the likelihood of a high degree of volatility.

The trading price of the Fund's unit (the "Unit") on the Stock Exchange of Hong Kong is driven by market factors such as demand and supply of the Unit. Therefore, the Units may trade at a substantial premium or discount to the Fund's net asset value.

The Fund's synthetic replication strategy will involve investing up to 50% of its net asset value in financial derivative instruments ("FDIs"), mainly funded total return swap transaction(s) through one or more counterparty(ies). Risks associated with FDIs include counterparty/credit risk, liquidity risk, valuation risk, volatility risk and over-the-counter transaction risk. FDIs are susceptible to price fluctuations and higher volatility, and may have large bid and offer spreads and no active secondary markets. The leverage element/component of an FDI can result in a loss significantly greater than the amount invested in the FDI by the Sub-Fund.

As part of the securities lending transactions, there is a risk of shortfall of collateral value due to inaccurate pricing of the securities lent or change of value of securities lent. This may cause significant losses to the Fund. The borrower may fail to return the securities in a timely manner or at all. The Fund may suffer from a loss or delay when recovering the securities lent out. This may restrict the Fund's ability in meeting delivery or payment obligations from realisation requests. COM-2025.03.24-MKT-GXChinaETFsAtaGlance-V2



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# Global X China Semiconductor ETF (3191/9191)



For Hong Kong  
Investors Only

- China semiconductor is a large market with ample room for localization rate improvement, as domestic brands account for 35% of global demand while contributing only 7% of capacity supply
- Increasing geopolitical uncertainties post Trump’s re-election, coupled with domestic players’ cost advantages and service speed, are driving an accelerated domestic substitution.
- Strengthened government support aimed at achieving self-sufficiency, along with rising capital expenditures, will further bolster the industry’s growth. China’s capability in semiconductor production is becoming increasingly competitive across the value chain.

## Key Information

Listing Date	2020.08.07
Ongoing Charges over a Year <sup>1</sup>	0.68%
Exchange	HKEX
Reference Index <sup>2</sup>	FactSet China Semiconductor Index

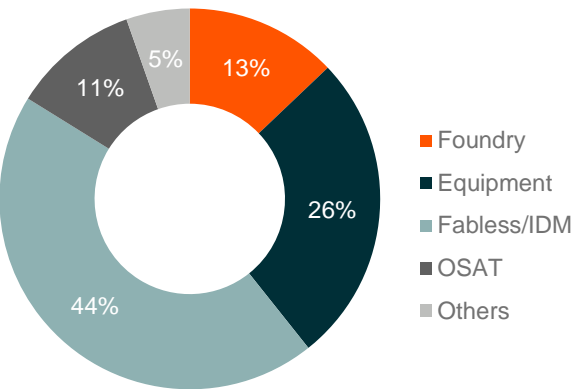
1. The Fund adopts a single management fee structure, whereby a single flat fee will be paid out of the assets of the Fund to cover all of the costs, fees and expenses of the Fund. For the first 12-month period from the launch of the Fund, the ongoing charges of the Listed Class of Units are capped at 0.68% of the average NAV of the relevant class. Any ongoing expenses exceeding 0.68% of the average NAV of the relevant class will be borne by the Manager and will not be charged to the Fund. Please refer to the Key Facts Statement for the section headed “Ongoing fees payable by the Fund” below and the Prospectus for further details. 2. The Underlying Index is a net total return, equally weighted index. A net total return index reflects the reinvestment of dividends or coupon payments, after deduction of any withholding tax (including any surcharges for special levies, if applicable). 3. Dividend is not guaranteed, distributions may be made out of capital or income at the Manager’s discretion. Positive distribution does not imply positive return. Please refer to the IMPORTANT INFORMATION section above and the Fund’s prospectus for further details.

## Top 10 Holdings

Company Name	Weighting (%)
SMIC	10.3
Giga Device	8.1
Will Semiconductor	7.5
Advanced Micro-Fabrication	7.3
NAURA	6.8
Montage	6.8
BOE	5.3
JCET	5.2
ACM Research	4.4
Sanan Optoelectronics	3.6

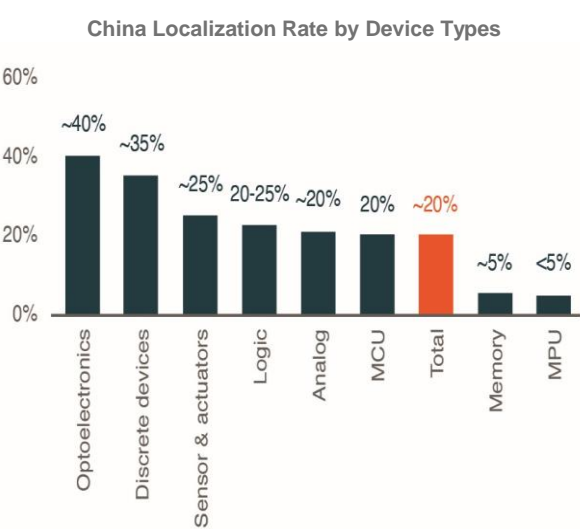
Source: FactSet, 28 February 2025

## Subsegment Breakdown



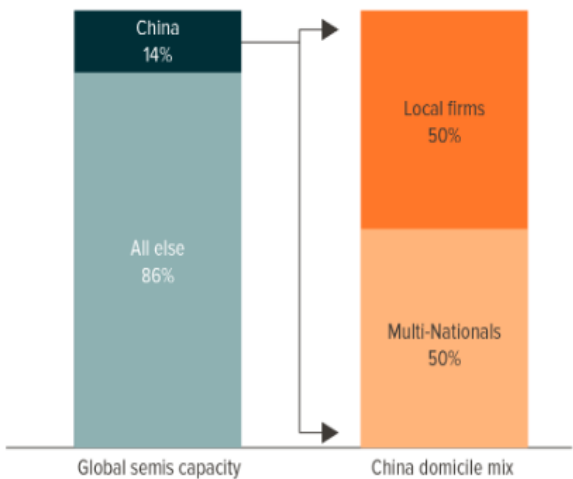
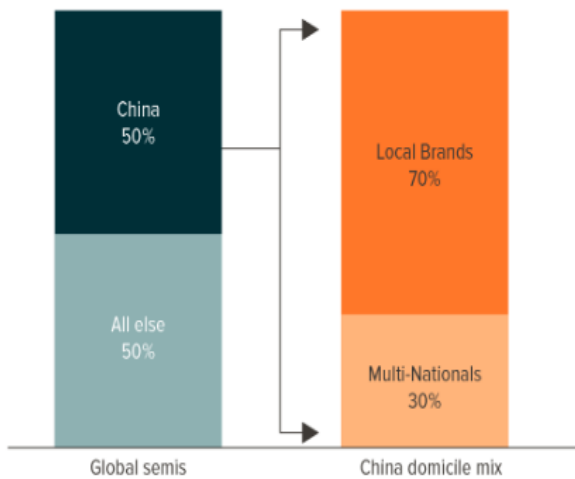
Source: Mirae Asset, 14 March 2025. Note: Securities are categorized according to Mirae Asset research for illustrative purposes.

## Low Localization Rate of China Semi



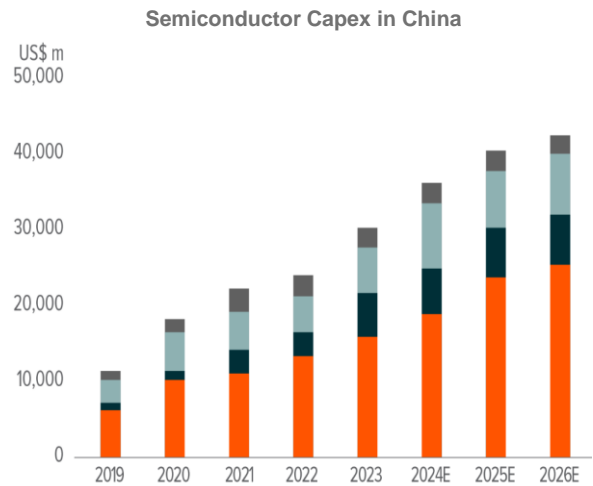
Source: WSTS, BofA, July 2024

China Semis: Large Market with Ample Room for Localization Rate Improvement



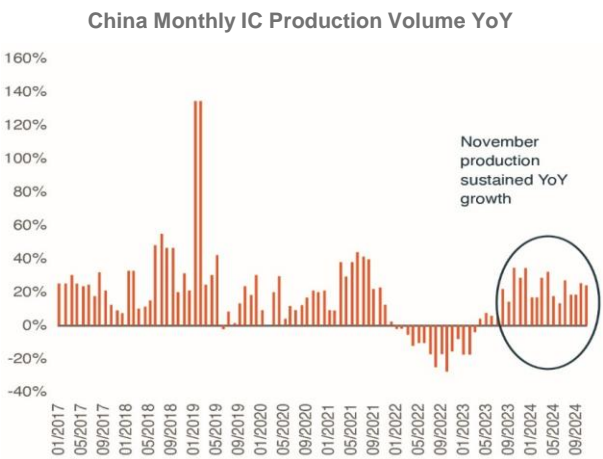
Source: Company data, Goldman Sachs Global Investment Research, Feb 2023.

Rising CAPEX to Support Industry Growth



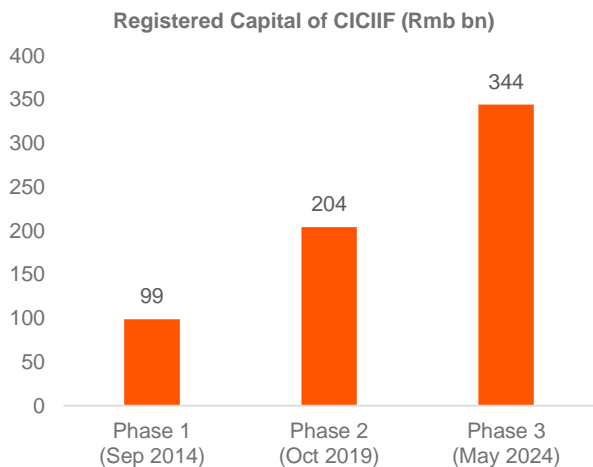
Source: Macquarie, June 2024

Continuing Recovery from 2023's Industry Downturn



Source: NBS, Goldman Sachs, November 2024

Strengthened Government Support on Funding



Source: Wind, 2024

US Sanction Likely to Accelerate the Localization Process

US Sanction Direction	Details
AI Computing Chip	Restricted the purchase and manufacturing of AI computing chips for almost all mid-to-high-end computing chips
Advanced Manufacturing	Restrictions on manufacturing capabilities for Logic below 14nm, 3D NAND above 128 layers, and DRAM below 17nm
Manufacturing Equipment	Restricted the purchase of American-made equipment and components related to advanced manufacturing
EDA	Restrictions on EDA software necessary for GAAFET structure integrated circuits

Source: US DOC, CITICS Securities, December 2024

# Fund Map

## Global X ETFs Hong Kong



A lineup that spans emerging trends and disruptive tech, income, core and commodities ETFs. Or simply put, we strive to offer investors something beyond ordinary.

This document is intended for Hong Kong Investors only.  
The following list consists of ETFs traded on the HKD counter (excluding USD and RMB counters). March 2025.

Investing in the Equity ETF(s) may expose to risks (if applicable) including general investment risk, equity market risk, sector/market concentration risk, active / passive investment management risk, tracking error risk, trading risk, risk in investing financial derivative instruments, securities lending risk, distributions paid out of capital or effectively out of capital risk.  
Investing in the S&P Crude Oil Futures Enhanced ER ETF may expose to risks (if applicable) including passive investment risk, crude oil market risk, futures contracts risk, risk of material non-correlation with spot/current market price of the West Texas Intermediate crude oil risk, margin risk, trading risk, risk of investing in fixed income securities, tracking error risk, termination risk.  
Investing in the USD Money Market Active ETF may expose to risks including general investment risk, active investment management risk, interest rate risk, risks associated with bank deposits, concentration risk, currency risk, trading risk, credit rating risk, downgrading risk, counterparty risk and distributions paid out of capital or effectively out of capital risk.  
Investing in the Fixed Income Passive ETF(s) may expose to risks (if applicable) including general investment risk, passive investment management risk, interest rate risk, emerging markets risk, risks associated with PRC inter-bank bond market, Foreign Access Regime and Bond Connect, concentration risk, RMB/USD currency risk, securities lending risk, trading risk, credit rating risk, downgrading risk, counterparty risk, tracking error risk and distributions paid out of capital or effectively out of capital risk.  
Investing in the Covered Call Active ETF may expose to risks (if applicable) including active investment management risk, futures contracts risk, margin requirement risk, failure of clearing house risk, concentration risk, securities lending transaction risks, currency risk, distributions paid out of capital or effectively out of capital risk, and trading risks.



## THEMATIC GROWTH

### CHINA

#### DISRUPTIVE TECHNOLOGY

- 2845 Global X China Electric Vehicle and Battery ETF
- 3191 Global X China Semiconductor ETF
- 2826 Global X China Cloud Computing ETF
- 2807 Global X China Robotics and AI ETF

#### PEOPLE & DEMOGRAPHICS

- 2820 Global X China Biotech ETF
- 2841 Global X China MedTech ETF
- 2806 Global X China Consumer Brand ETF

#### PHYSICAL ENVIRONMENT

- 2809 Global X China Clean Energy ETF

#### MULTI-THEME

- 3050 Global X China Global Leaders ETF
- 2815 Global X China Little Giant ETF

### GLOBAL

#### DISRUPTIVE TECHNOLOGY

- 3185 Global X FinTech ETF
- 3139 Global X Electric Vehicle and Battery Active ETF
- 3006 Global X AI & Innovative Technology Active ETF
- 3422 Global X Innovative Bluechip Top 10 ETF
- 3402 Global X G2 Tech ETF
- 3401 Global X AI Infrastructure ETF

### ASIA

#### DISRUPTIVE TECHNOLOGY

- 3119 Global X Asia Semiconductor ETF

#### MULTI-THEME

- 3150 Global X Japan Global Leaders ETF
- 3184 Global X India Select Top 10 ETF
- 3158 Global X K-pop and Culture ETF
- 3084 Global X India Sector Leader Active ETF
- 3104 Global X Emerging Markets Asia Active ETF



## COMMODITIES

#### COMMODITIES

- 3097 Global X S&P Crude Oil Futures Enhanced ER ETF



## CORE

#### CORE

- 3040 Global X MSCI China ETF
- 2837 Global X Hang Seng TECH ETF
- 3029 Global X Hang Seng ESG ETF



## INCOME

#### DIVIDEND

- 3110 Global X Hang Seng High Dividend Yield ETF
- 3116 Global X Asia Pacific High Dividend Yield ETF
- 3419 Global X HSI Components Covered Call Active ETF
- 3416 Global X HSCEI Components Covered Call Active ETF
- 3417 Global X Hang Seng TECH Components Covered Call Active ETF

Dividend is not guaranteed and may be paid out of capital

#### FIXED INCOME

- 3059 Global X Bloomberg MSCI Asia Ex Japan Green Bond ETF
- 3041 Global X FTSE China Policy Bank Bond ETF
- 3137 Global X USD Money Market ETF
- 3075 Global X Asia USD Investment Grade Bond ETF
- 3450 Global X US Treasury 3-5 Year ETF
- 3440 Global X US Treasury 0-3 Month ETF

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