GLOBAL X
by Mirae Asset

# Two Regions. One Critical Technology.

## Global X Semiconductor Suite

# Semiconductor Exposure Built for the AI Era

Semiconductors sit at the foundation of AI, cloud computing, high-performance computing, automotive electronics and advanced digital infrastructure. Global X Artificial Intelligence Semiconductor Index ETF (CHPS) and Global X Asia Semiconductor Index ETF (ACHP) offer two complementary ways to access this theme.

## CHPS

**Global X Artificial Intelligence Semiconductor Index ETF**

### AI SEMICONDUCTOR VALUE CHAIN

U.S.-listed exposure to some of the largest companies across semiconductor equipment, fabless design, IP and EDA, packaging and testing, and foundries.

## ACHP

**Global X Asia Semiconductor Index ETF**

### ASIAN CHIP DESIGN & MANUFACTURING

Exposure to leading Asian semiconductor companies involved in chip design and front-end manufacturing.

## THE SEMICONDUCTOR OPPORTUNITY IS GLOBAL

Some of the world's most important semiconductor companies span the U.S., Asia and Europe. CHPS and ACHP provide two distinct ways to access this global ecosystem.


> **The intelligence economy begins with the chips that make computation possible.**

Together CHPS + ACHP can broaden semiconductor exposure across geographies and different parts of the value chain.

**CHPS | U.S.-LISTED SEMICONDUCTOR COMPANIES**

| TOP HOLDINGS | WEIGHT | MARKET CAP (USD) | HEADQUARTERS |
|---|---|---|---|
| NVIDIA | 22.2% | $5.33T | United States |
| tsmc | 17.9% | $1.97T | Taiwan |
| BROADCOM | 13.2% | $1.76T | United States |
| AMD | 10.8% | $768B | United States |
| ASML | 9.4% | $646B | Netherlands |
| Lam Research | 5.3% | $377B | United States |
| Applied Materials | 5.1% | $363B | United States |
| arm | 3.5% | $258B | United Kingdom |
| KLA | 3.2% | $229B | United States |
| MARVELL | 2.6% | $190B | United States |

A U.S. listing does not mean U.S. -only exposure.

CHPS includes U.S. -listed semiconductor companies headquartered across several of the world's major technology markets.

**ACHP | ASIAN SEMICONDUCTOR COMPANIES**

| TOP HOLDINGS | WEIGHT | MARKET CAP (USD) | HEADQUARTERS |
|---|---|---|---|
| tsmc | 20.9% | $1.97T | Taiwan |
| SAMSUNG | 20.1% | $1.19T | South Korea |
| SK hynix | 19.5% | $862B | South Korea |
| MEDIATEK | 14.1% | $198B | Taiwan |
| Cambricon 寒武纪科技 | 3.6% | $98B | China |
| UMC | 3.5% | $51B | Taiwan |
| RENESAS | 2.6% | $38B | Japan |
| GigaDevice | 2.6% | $42B | China |
| NANYA | 2.5% | $53B | Taiwan |
| HYGON | 2.3% | $88B | China |

Asia plays a critical role in the semiconductor supply chain.

ACHP provides exposure to companies across markets including Taiwan, South Korea, China and Japan

> **AI growth depends on more than processors. It requires memory, connectivity, manufacturing capacity and advanced semiconductor design across the ecosystem.**

Market capitalization (USD) represents company scale. Holdings and weights are subject to change.
Source: Global X Canada, as at August 31, 2026.

## INSIDE THE SEMICONDUCTOR VALUE CHAIN

It takes an entire ecosystem to bring a chip to life. Different companies design the architecture, provide the tools and technology, manufacture the chips and prepare them for use.

### Key Activities Across the Semiconductor Value Chain

| | Design Tools | Chip Designers | Chip-Making Machines | Chip Manufacturing | Finishing |
|---|---|---|---|---|---|
| | Intellectual Property (IP) and Electronic Design Automation (EDA) | Fabless | Equipment | Foundry & integrated device manufacturers (IDM) | Packaging, assembly & testing |
| | Reusable chip intellectual property and design software used to build, simulate and verify semiconductors. | Companies focused on chip design & development without owning or operating their own manufacturing facilities. | Tools and machinery used in semiconductor fabrication, testing and packaging. | Advanced fabrication facilities that manufacture chips, whether for other companies or their own designs. | The final stages that assemble, connect and test semiconductor devices. |
| **CHPS** | ✓ | ✓ | ✓ | ✓ | ✓ |
| **ACHP** | | ✓ | | ✓ | |

**CHPS** targets U.S. listed companies across five areas of the AI semiconductor value chain.
**ACHP** focuses on leading Asian semiconductor companies involved in chip design and front-end manufacturing.

**CHPS + ACHP** can broaden semiconductor exposure across geographies and different parts of the value chain.

Indicates the primary areas of focus for each fund; holdings may not be limited to these stages and the fund may not hold companies in that stage at all times.

## AI COMPUTE IS DRIVING SEMICONDUCTOR DEMAND

Accelerating AI adoption is increasing demand for GPUs (Graphics Processing Unit), custom accelerators and CPUs (Central Processing Unit) across data centers and advanced computing. The opportunity can extend beyond chip designers to the equipment providers, foundries, IP firms and packaging specialists required to bring advanced processors to market.

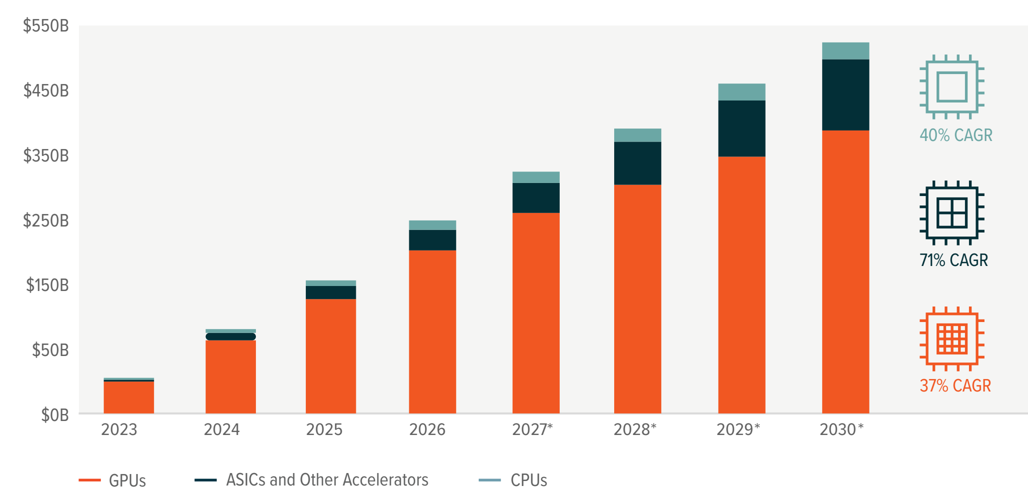
**US$520B**

**Projected AI processor spending by 2030**

AI adoption is accelerating demand for GPUs, custom accelerators and CPUs capable of handling increasingly complex workloads.

**More AI usage requires more compute, and more advanced semiconductors.**

### AI PROCESSOR SPENDING SET TO TOP $520B BY 2030

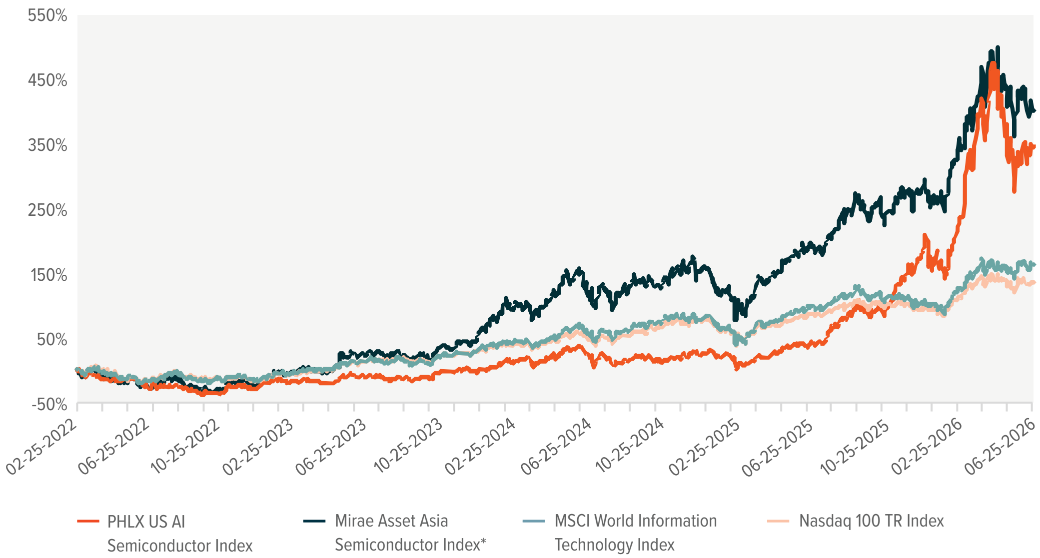



Source: GlobalXETFs.com. Introducing CHPX: The Case for AI Semiconductors & Quantum Computing
*Forecast. CAGR - Compound Annual Growth Rate. ASICs - Application-Specific Integrated Circuits

# SEMICONDUCTOR EXPOSURE CAN BEHAVE DIFFERENTLY FROM BROAD TECHNOLOGY

Semiconductor-focused indices have performed differently from broader technology over time, with leadership also varying across different parts of the semiconductor market. As the AI buildout evolves, different areas of the chip ecosystem may respond differently to changing investment and demand.

## SEMICONDUCTOR STRATEGIES HAVE OUTPACED BROAD GENERAL TECHNOLOGY




Source: Bloomberg as at August 31, 2026. Returns in CAD. *HYPOTHETICAL PERFORMANCE AND FOR ILLUSTRATIVE PURPOSES ONLY.

## INDEX PERFORMANCE (%), IN CAD

| Index Name | YTD | 1-Year | 3-Year | Since Common Inception* |
|---|---|---|---|---|
| PHLX US AI Semiconductor Index | 46.68 | 78.66 | 57.50 | 40.37 |
| Mirae Asset Asia Semiconductor Index** | 113.41 | 213.41 | 72.41 | 37.57 |
| MSCI World Information Technology Index | 25.02 | 36.09 | 31.44 | 24.28 |
| Nasdaq 100 TR Index | 18.33 | 27.78 | 25.70 | 20.69 |

*Common Inception Feb 25, 2022 – August 31, 2026. Source: Bloomberg, as at August 31, 2026. Returns in CAD.

The performance of the indices is provided for informational purposes only and does not represent the performance of the Fund. The Fund seeks to replicate the performance of the index, but several factors may result in deviations between the Fund's performance and that of the index. These factors include, but are not limited to, tracking errors, the impact of fees and expenses, portfolio rebalancing, and differences in the timing of cash flows. Past performance of the index is not indicative of future results for the Fund. For more details on the Fund's investment objectives, fees, and risks, please refer to the Fund's prospectus.

** Analysis for period February 25, 2022 to August 31, 2026. Source: https://indices.miraeasset.com/indices

Before the Index Commencement Date, all information regarding the index is backtested rather than actual performance. This is based on the index methodology in effect at the Commencement Date. Backtested performance reflects the application of the Index Methodology and the selection of constituents with the benefit of hindsight and knowledge of factors that may have positively influenced its performance. It cannot account for any risk that may affect the results and may be subject to survivorship bias. Actual returns may differ from backtested returns. Past performance does not guarantee future results. The backtest data has been created based on available data and imputations as accurately and diligently as possible. However, there may have been relevant assumptions made during the backtest period.

## FUND SNAPSHOT

FUND NAME
**Global X Artificial Intelligence Semiconductor Index ETF**
**CHPS/CHPS.U[1]**

RISK RATING
HIGH

MANAGEMENT FEE
0.45%[2]

FUND NAME
**Global X Asia Semiconductor Index ETF**
**ACHP**

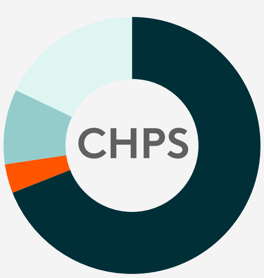
RISK RATING
HIGH

MANAGEMENT FEE
0.49%[2]

## INVESTMENT STRATEGY HIGHLIGHTS:

| | CHPS / CHPS.U | ACHP |
|---|---|---|
| **Underlying Index** | PHLX US AI Semiconductor Index | Mirae Asset Asia Semiconductor Index |
| **Primary Focus** | AI semiconductor value chain | Asian chip design and front-end manufacturing |
| **Eligible Markets / Listing** | Nasdaq or NYSE listed securities | Japan, South Korea, China, Hong Kong, Indonesia, Malaysia, Philippines, Singapore, Taiwan, Thailand; eligible U.S.-listed securities if the issuer is incorporated or domiciled in an eligible Asian market |
| **Distributions** | Annually, if any | Annually |
| **Currency Exposure** | CAD and USD purchase options; no currency hedging employed | CAD purchase option; no currency hedging employed |
| **Number of Holdings** | Up to 20 securities | Up to 20 securities |
| **Selection Emphasis** | AI value-chain classification + market capitalization | Semiconductor revenues + market capitalization |
| **Maximum Weight** | Top 3 capped at 20% / 17% / 15%; others at 12% | 20% per security |

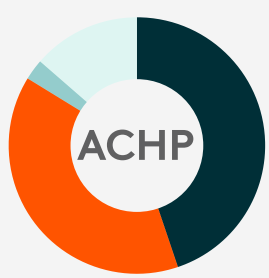
## GEOGRAPHIC EXPOSURE:




### U.S.-LISTED SEMICONDUCTOR LEADERS

While CHPS invests in securities listed on major U.S. exchanges, its underlying companies span several of the world's leading semiconductor markets.

| | |
|---|---|
| United States | 68.99% |
| United Kingdom | 3.65% |
| Netherlands | 9.42% |
| Taiwan | 17.93% |




### EXPOSURE TO ASIAN SEMICONDUCTOR HUBS

Targets companies across developed and emerging Asian semiconductor markets, with current exposure concentrated in major chip-producing economies such as Taiwan and South Korea.

| | |
|---|---|
| Taiwan | 44.37% |
| South Korea | 39.56% |
| Japan | 2.60% |
| China | 13.47% |

Source: Global X Investments Canada, as at August 31, 2026.

[1]Trades in U.S. Dollars [2]Plus applicable sales tax.

## WHY CONSIDER THE SEMICONDUCTOR THEME?

The funds provide distinct exposures within the semiconductor theme. Together, they represent a broader mix of companies, markets and semiconductor activities than either fund alone.

1

### DIFFERENT PARTS OF THE SEMICONDUCTOR ECOSYSTEM

CHPS reaches across five AI semiconductor value-chain categories, while ACHP focuses on chip design and front-end manufacturing.

2

### DISTINCT REGIONAL EXPOSURES

CHPS provides U.S.-listed exposure to globally headquartered semiconductor leaders, while ACHP provides access to companies across key Asian semiconductor markets.

3

### BUILDING BLOCKS FOR DIFFERENT MARKET VIEWS

The funds emphasize different regions and parts of the semiconductor ecosystem, providing distinct exposures as market leadership and semiconductor demand evolve.

## HOW SEMICONDUCTOR EXPOSURE MAY FIT IN A PORTFOLIO

### Diversification within Technology

Semiconductor exposure can provide a different return profile from software, internet platforms and other areas of the broader technology sector.

### Targeted Thematic Access

A rules-based ETF provides exposure across multiple semiconductor companies without requiring investors to select individual stocks.

### Complementary to Broader Technology Exposure

Semiconductor exposure can be considered as a targeted satellite position alongside broader equity or technology holdings for investors seeking greater participation in the theme.

### Participation in the AI Buildout

Semiconductor companies may benefit from investment in processors, memory, networking and the infrastructure required to support AI adoption.

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