

## First Trust Nasdaq Semiconductor ETF

#### As of 6/30/22

### » Fund Objective

This exchange-traded fund seeks investment results that correspond generally to the price and yield (before the fund's fees and expenses) of an equity index called the Nasdaq US Smart Semiconductor Index™

### >> Fund Facts

Fund Ticker FTXL
CUSIP 33738R811
Intraday NAV FTXLIV
Fund Inception Date 9/20/16
Expense Ratio 0.60%
Rebalance Frequency
Primary Listing Nasdaq

>> Index Facts

>> Performance Summary (%)

Index Ticker NQSSSET Index Inception Date 7/8/16

#### >> Index Description

- >>> The Nasdaq US Smart Semiconductor Index™ is a modified factor weighted index created and administered by Nasdaq, Inc. ("Nasdaq") designed to provide exposure to US companies within the semiconductor industry.
- » Nasdaq selects the 30 most liquid eligible semiconductor securities from the NASDAQ US Benchmark Index and then ranks those securities based on three factors:

3 Year

5 Year

10 Year

Since Fund Inception

- Volatility trailing 12-month price fluctuation.
- Value cash flow to price.

3 Month

- Growth the 3-, 6-, 9-, and 12-month average price appreciation.
- The securities are weighted based on their score on the three factors.
- >> The index weighting methodology includes caps to prevent high concentrations among single stocks.

1 Year

» The index is reconstituted annually and rebalanced quarterly.

Fund Performance*											
Net Asset Value (NAV)	-2	-24.24		-34.35 -22.22		18.46	5 17.53		_	- 19.15	
After Tax Held	-2	-24.30		1.43 -22.38		18.17	17.23		_	18.84	
After Tax Sold	-1.	-14.35		.33 -13.13		14.46	14.08		_	15.63	
Market Price	-2	-24.35		-22.18		18.45	17.51		_	19.14	
Index Performance**											
Nasdaq US Smart Semiconductor Index™	-2	-24.16		-21.77		19.21	18.27		_	19.91	
Nasdaq US Benchmark Semiconductors Index	-2	-29.51		-20.45		19.36	19.26		_	19.64	
NASDAQ US Benchmark Index	-10	6.96	-21.38	-21.38 -14.23		9.84	10.65		_	11.88	
» Calendar Year Total Returns (%)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD
FTXL	_	_	_	_	_	31.86	-13.50	61.34	46.25	35.07	-34.35
Nasdaq US Benchmark Semiconductors Index	_	_	_	_	_	35.62	-8.17	53.00	42.39	49.83	-36.61
NASDAQ US Benchmark Index	-	_	-	-	-	21.38	-5.44	31.17	21.27	25.89	-21.38
» 3-Year Statistics	Standard D	Standard Deviation (%)		Alpha		Beta	Sharpe Ratio		atio	Correlation	
FTXL	26	26.29		8.23		1.09	0.75			0.81	
Nasdaq US Benchmark Semiconductors Index	26	26.88		9.14		1.10	0.77			0.79	
NASDAQ US Benchmark Index	19	19.37		-		1.00	0.55			1.00	

YTD

Performance data quoted represents past performance. Past performance is not a guarantee of future results and current performance may be higher or lower than performance quoted. Investment returns and principal value will fluctuate and shares when sold or redeemed, may be worth more or less than their original cost. You can obtain performance information which is current through the most recent month-end by visiting www.ftportfolios.com.

\*NAV returns are based on the fund's net asset value which represents the fund's net assets (assets less liabilities) divided by the fund's outstanding shares. After Tax Held returns represent return after taxes on distributions. Assumes shares have not been sold. After Tax Sold returns represent the return after taxes on distributions and the sale of fund shares. Returns do not represent the returns you would receive if you traded shares at other times. Market Price returns are determined by using the midpoint of the national best bid offer price ("NBBO") as of the time that the fund's NAV is calculated. Returns are average annualized total returns, except those for periods of less than one year, which are cumulative. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on the investor's tax situation and may differ from those shown. The after-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements such as 401(k) plans or individual retirement accounts.

\*\*Performance information for each listed index is for illustrative purposes only and does not represent actual fund performance. Indexes do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indexes are unmanaged and an investor cannot invest directly in an index.



# First Trust Nasdaq Semiconductor ETF

#### >> Portfolio Information

Number Of Holdings	30
Maximum Market Cap.	\$379.58 Billion
Median Market Cap.	\$19.89 Billion
Minimum Market Cap.	\$2.50 Billion
Price/Earnings	14.92
Price/Book	3.30
Price/Cash Flow	9.28
Price/Sales	3.78

## » Top Holdings (%)

Texas Instruments Incorporated	8.29
Analog Devices, Inc.	8.28
Intel Corporation	8.04
Broadcom Inc.	7.99
ON Semiconductor Corporation	7.91
QUALCOMM Incorporated	4.25
KLA Corporation	4.17
Skyworks Solutions, Inc.	4.06
Qorvo, Inc.	4.03
II-VI Incorporated	3.89

## >> Top Industry Exposure (%)

Semiconductors	80.56
Production Technology Equipment	19.44

You should consider the fund's investment objectives, risks, and charges and expenses carefully before investing. Contact First Trust Portfolios L.P. at 1-800-621-1675 or visit www.ftportfolios.com to obtain a prospectus or summary prospectus which contains this and other information about the fund. The prospectus or summary prospectus should be read carefully before investing.

#### Risk Considerations

You could lose money by investing in a fund. An investment in a fund is not a deposit of a bank and is not insured or guaranteed. There can be no assurance that a fund's objective(s) will be achieved. Investors buying or selling shares on the secondary market may incur customary brokerage commissions. Please refer to each fund's prospectus and SAI for additional details on a fund's risks. The order of the below risk factors does not indicate the significance of any particular risk factor.

Unlike mutual funds, shares of the fund may only be redeemed directly from a fund by authorized participants in very large creation/redemption units. If a fund's authorized participants are unable to proceed with creation/redemption orders and no other authorized participant is able to step forward to create or redeem, fund shares may trade at a premium or discount to a fund's net asset value and possibly face delisting and the bid/ask spread may widen.

A fund is susceptible to operational risks through breaches in cyber security. Such events could cause a fund to incur regulatory penalties, reputational damage, additional compliance costs associated with corrective measures and/or financial loss.

Companies that issue dividend-paying securities are not required to continue to pay dividends on such securities. Therefore, there is a possibility that such companies could reduce or eliminate the payment of dividends in the future.

Equity securities may decline significantly in price over short or extended periods of time, and such declines may occur in the equity market as a whole, or they may occur in only a particular country, company, industry or sector of the market.

Stocks with growth characteristics tend to be more volatile than certain other stocks and their prices may fluctuate more dramatically than the overall stock market.

A fund may be a constituent of one or more indices or models which could greatly affect a fund's trading activity, size and volatility.

There is no assurance that the index provider or its agents will compile or maintain the index accurately. Losses or costs associated with any index provider errors generally will be borne by a fund and its shareholders.

Information technology companies are subject to certain risks, including rapidly changing technologies, short product life cycles, fierce competition, aggressive pricing and reduced profit margins, loss of patent, copyright and trademark protections, cyclical market patterns, evolving industry standards and regulation and frequent new product instructurions

A portfolio comprised of low volatility stocks may not produce investment exposure that has lower variability to changes in such stocks' price levels. Low volatility stocks are likely to underperform the broader market during periods of rapidly rising stock prices.

Market risk is the risk that a particular security, or shares of a fund in general may fall in value. Securities are subject to market fluctuations caused by such factors as general economic conditions, political events, regulatory or market developments, changes in interest rates and perceived trends in securities prices. Shares of a fund could decline in value or underperform other investments as a result. In addition, local, regional or global events such as war, acts of terrorism, spread of infectious disease or other public health issues, recessions, or other events could have significant negative impact on a fund. In February 2022, Russia invaded Ukraine which has caused and could continue to cause significant market disruptions and volatility within the markets in Russia, Europe, and the United States. The hostilities and sanctions resulting from those hostilities could have a significant impact on certain fund investments as well as fund performance. The COVID-19 global pandemic has caused and may continue to cause significant volatility and declines in global financial markets. While the U.S. has resumed "reasonably" normal business activity, many countries continue to impose lockdown measures. Additionally, there is no guarantee that vaccines will be effective against emerging variants of the disease.

A fund faces numerous market trading risks, including the potential lack of an active market for fund shares due to a limited number of market makers. Decisions by market makers or authorized participants to reduce their role or step away in times of market stress could inhibit the effectiveness of the arbitrage process in maintaining the relationship between the underlying values of a fund's portfolio securities and a fund's market price.

An index fund's return may not match the return of the index for a number of reasons including operating expenses, costs of buying and selling securities to reflect changes in the index, and the fact that a fund's portfolio holdings may not exactly replicate the index.

A fund classified as "non-diversified" may invest a relatively high percentage of its assets in a limited number of issuers. As a result, a fund may be more susceptible to a single adverse economic or regulatory occurrence affecting one or more of these issuers, experience increased volatility and be highly concentrated in certain issuers

A fund and a fund's advisor may seek to reduce various operational risks through controls and procedures, but it is not possible to completely protect against such risks. The fund also relies on third parties for a range of services, including custody, and any delay or failure related to those services may affect the fund's ability to meet its objective.

A fund that invests in securities included in or representative of an index will hold those securities regardless of investment merit and the fund generally will not take defensive positions in declining markets.

High portfolio turnover may result in higher levels of transaction costs and may generate greater tax liabilities for shareholders

The market price of a fund's shares will generally fluctuate in accordance with changes in the fund's net asset value ("NAV") as well as the relative supply of and demand for shares on the exchange, and a fund's investment advisor cannot predict whether shares will trade below, at or above their NAV.

Semiconductor companies are significantly affected by rapid obsolescence, intense competition and global demand and securities of such issuers may underperform the market as a whole due to legislative or regulatory changes. The prices of the securities of semiconductor companies may fluctuate widely in response to such events. A fund with significant exposure to a single asset class, country, region, industry, or sector may be more affected by an adverse economic or political development than a broadly diversified fund.

Securities of small- and mid-capitalization companies may experience greater price volatility and be less liquid than larger, more established companies.

Trading on an exchange may be halted due to market conditions or other reasons. There can be no assurance that a fund's requirements to maintain the exchange listing will continue to be met or be unchanged.

Value characteristics of a stock may not be fully recognized for a long time or a stock judged to be undervalued may actually be appropriately priced at a low level.

First Trust Advisors L.P. is the adviser to the fund. First Trust Advisors L.P. is an affiliate of First Trust Portfolios L.P., the fund's distributor.

The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, First Trust is not undertaking to give advice in any fiduciary capacity within the meaning of ERISA, the Internal Revenue Code or any other regulatory framework. Financial professionals are responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

#### **Definitions**

Standard Deviation is a measure of price variability (risk). Alpha is an indication of how much an investment outperforms or underperforms on a risk-adjusted basis relative to its benchmark. Beta is a measure of price variability relative to the market. Sharpe Ratio is a measure of excess reward per unit of volatility. Correlation is a measure of the similarity of performance. The NASDAQ US Benchmark Semiconductors Index is a float adjusted market capitalization-weighted index which includes securities in the US Benchmark Index that are classified in the Semiconductors Subsector according to the Industry Classification Benchmark. The NASDAQ US Benchmark Index is a float adjusted market capitalization-weighted index designed to track the performance of securities assigned to the United States.

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