



MIAX Sapphire™ Options Exchange

The option classes listed below will begin trading on the MIAX Sapphire Options Exchange at the start of trading on **Monday, September 9, 2024**. All option classes on MIAX Sapphire utilize Price-Time allocation.

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
AAP	ADVANCED AUTO PARTS, INC.	AAP	Yes	NYSE	4:00	1
AAPL	Apple Inc.	AAPL	Yes	NASDAQ	4:00	1
ABBV	AbbVie Inc.	ABBV	Yes	NYSE	4:00	1
ABNB	AIRBNB INC.	ABNB	Yes	NASDAQ	4:00	1
ABR	Arbor Realty Trust Inc	ABR	No	NYSE	4:00	1
ABT	ABBOTT LABORATORIES	ABT	Yes	NYSE	4:00	1
ACB	Aurora Cannabis Inc	ACB	Yes	NASDAQ	4:00	1
ACHR	Archer Aviation Inc.	ACHR	No	NYSE	4:00	1
ACI	ALBERTSONS COMPANIES, INC.	ACI	No	NYSE	4:00	1
ACN	Accenture PLC	ACN	No	NYSE	4:00	1
ADBE	Adobe Inc.	ADBE	Yes	NASDAQ	4:00	1
ADI	ANALOG DEVICES INC	ADI	No	NASDAQ	4:00	1
ADM	ARCHER DANIELS MIDLAND CO	ADM	No	NYSE	4:00	1
ADSK	AUTODESK INC	ADSK	No	NASDAQ	4:00	1
AEM	Agnico Eagle Mines Limited	AEM	No	NYSE	4:00	1
AEO	AMERICAN EAGLE OUTFITTERS	AEO	Yes	NYSE	4:00	1



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AEP	AMERICAN ELEC POWER	AEP	No	NASDAQ	4:00	1
AES	AES CORP.	AES	No	NYSE	4:00	1
AFRM	AFFIRM HOLDINGS, INC.	AFRM	Yes	NASDAQ	4:00	1
AG	First Majestic Silver Corp	AG	Yes	NYSE	4:00	1
AGNC	AGNC Investment Corp.	AGNC	Yes	NASDAQ	4:00	1
AGQ	ProShares Ultra Silver	AGQ	No	NYSE Arca	4:00	1
AI	C3.AI, INC.	AI	Yes	NYSE	4:00	1
AIG	AMERICAN INTERNATIONAL GROUP	AIG	No	NYSE	4:00	1
AKAM	AKAMAI TECHNOLOGIES, INC	AKAM	No	NASDAQ	4:00	1
ALB	ALBEMARLE CORPORATION	ALB	Yes	NYSE	4:00	1
ALT	ALTIMMUNE INC	ALT	No	NASDAQ	4:00	1
AMAT	APPLIED MATERIALS, INC.	AMAT	Yes	NASDAQ	4:00	1
AMC	AMC Entertainment Holdings Inc.	AMC	Yes	NYSE	4:00	1
AMD	ADVANCED MICRO-DEVICES	AMD	Yes	NASDAQ	4:00	1
AMGN	AMGEN	AMGN	Yes	NASDAQ	4:00	1
AMZN	AMAZON COM	AMZN	Yes	NASDAQ	4:00	1
ANET	Arista Networks Inc	ANET	No	NYSE	4:00	1
ANF	ABERCROMBIE & FITCH CO	ANF	No	NYSE	4:00	1
ANVS	ANNOVIS BIO INC	ANVS	No	NYSE	4:00	1
APA	APA Corporation	APA	Yes	NASDAQ	4:00	1



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APH	AMPHENOL CORPORATION	APH	No	NYSE	4:00	1
APLD	APPLIED DIGITAL CORPORATION	APLD	No	NASDAQ	4:00	1
APO	Apollo Global Management, Inc.	APO	No	NYSE	4:00	1
APP	APPLOVIN CORP	APP	No	NASDAQ	4:00	1
AR	Antero Resources Corp.	AR	Yes	NYSE	4:00	1
ARDX	Ardelyx, Inc.	ARDX	No	NASDAQ	4:00	1
ARKG	ARK GENOMIC REVOLUTION ETF	ARKG	No	CBOE BZX	4:00	1
ARKK	ARK Innovation ETF	ARKK	Yes	NYSE Arca	4:00	1
ARM	ARM HOLDINGS PLC	ARM	Yes	NASDAQ	4:00	1
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	ASHR	Yes	NYSE Arca	4:00	1
ASML	ASML HOLDING NV	ASML	No	NASDAQ	4:00	1
ASTS	AST SpaceMobile, Inc.	ASTS	No	NASDAQ	4:00	1
AVGO	Broadcom Inc.	AVGO	Yes	NASDAQ	4:00	1
AVTR	AVANTOR INC.	AVTR	No	NYSE	4:00	1
AXP	AMERICAN EXPRESS	AXP	Yes	NYSE	4:00	1
AZN	ASTRAZENECA PLC	AZN	Yes	NASDAQ	4:00	1
BAX	BAXTER INTERNATIONAL INC.	BAX	No	NYSE	4:00	1
BB	BlackBerry Limited	BB	Yes	NYSE	4:00	1
BBWI	Bath & Body Works, Inc.	BBWI	No	NYSE	4:00	1
BBY	BEST BUY CO. INC.	BBY	Yes	NYSE	4:00	1



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BE	Bloom Energy Corp	BE	No	NYSE	4:00	1
BEKE	KE Holdings Inc.	BEKE	Yes	NYSE	4:00	1
BHC	Bausch Health Companies Inc.	BHC	Yes	NYSE	4:00	1
BIDU	Baidu Inc	BIDU	Yes	NASDAQ	4:00	1
BIG	BIG LOTS INC.	BIG	No	NYSE	4:00	1
BILI	BILIBILI INC.	BILI	Yes	NASDAQ	4:00	1
BILL	BILL Holdings, Inc.	BILL	No	NYSE	4:00	1
BITF	BITFARMS LTD.	BITF	No	NASDAQ	4:00	1
BITO	PROSHARES BITCOIN STRATEGY ETF	BITO	Yes	NYSE Arca	4:00	1
BITX	2X BITCOIN STRATEGY ETF	BITX	No	CBOE BZX	4:00	1
BKLN	Invesco Senior Loan ETF	BKLN	Yes	NYSE Arca	4:00	1
BLNK	Blink Charging Co	BLNK	Yes	NASDAQ	4:00	1
BMBL	BUMBLE, INC.	BMBL	No	NASDAQ	4:00	1
BMY	BRISTOL-MYERS SQUIBB COMPANY	BMY	Yes	NYSE	4:00	1
BOIL	ProShares Ultra Bloomberg Natural Gas	BOIL	Yes	NYSE Arca	4:00	1
BOIL1	ProShares Ultra Bloomberg Natural Gas-Adjusted	BOIL1	Yes	NYSE Arca	4:00	1
BP	BP PLC	BP	Yes	NYSE	4:00	1
BRKB	Berkshire Hathaway Inc. - Cl B	BRKB	Yes	NYSE	4:00	1
BROS	DUTCH BROS INC. CLASS A	BROS	No	NYSE	4:00	1
BSX	BOSTON SCIENTIFIC CORP	BSX	No	NYSE	4:00	1



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BTBT	BIT DIGITAL, INC.	BTBT	No	NASDAQ	4:00	1
BTI	British American Tobacco PLC	BTI	No	NYSE	4:00	1
BTU	Peabody Energy Corporation	BTU	Yes	NYSE	4:00	1
BX	Blackstone Inc.	BX	Yes	NYSE	4:00	1
BYND	BEYOND MEAT, INC.	BYND	Yes	NASDAQ	4:00	1
BYON	Beyond, Inc.	BYON	No	NYSE	4:00	1
CART	MAPLEBEAR INC.	CART	No	NASDAQ	4:00	2
CAT	CATERPILLAR INC	CAT	Yes	NYSE	4:00	2
CAVA	CAVA GROUP INC	CAVA	No	NYSE	4:00	2
CCJ	CAMECO CORPORATION	CCJ	Yes	NYSE	4:00	2
CCL	CARNIVAL CORPORATION	CCL	Yes	NYSE	4:00	2
CEG	CONSTELLATION ENERGY CORPORATION	CEG	No	NASDAQ	4:00	2
CELH	CELSIUS HOLDINGS INC	CELH	Yes	NASDAQ	4:00	2
CFLT	CONFLUENT, INC.	CFLT	No	NASDAQ	4:00	2
CGC	Canopy Growth Corporation	CGC	Yes	NASDAQ	4:00	2
CHPT	ChargePoint Holdings, Inc.	CHPT	Yes	NYSE	4:00	2
CHTR	Charter Communications Inc. Cl A	CHTR	No	NASDAQ	4:00	2
CHWY	CHEWY, INC.	CHWY	Yes	NYSE	4:00	2
CIFR	Cipher Mining Inc.	CIFR	No	NASDAQ	4:00	2
CL	COLGATE PALMOLIVE	CL	No	NYSE	4:00	2



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CLF	Cleveland-Cliffs Inc.	CLF	Yes	NYSE	4:00	2
CLOV	Clover Health Investments, Corporation Class A	CLOV	Yes	NASDAQ	4:00	2
CLS	CELESTICA, INC.	CLS	No	NYSE	4:00	2
CLSK	CLEANS PARK, INC.	CLSK	Yes	NASDAQ	4:00	2
CMA	COMERICA, INC.	CMA	No	NYSE	4:00	2
CMCSA	COMCAST CORPORATION CLASS	CMCSA	Yes	NASDAQ	4:00	2
CMG	Chipotle Mexican Grill Inc	CMG	No	NYSE	4:00	2
CNC	CENTENE CORP	CNC	No	NYSE	4:00	2
COF	CAPITAL ONE FINANCIAL	COF	No	NYSE	4:00	2
COHR	Coherent Corporation	COHR	No	NYSE	4:00	2
COIN	COINBASE GLOBAL, INC.	COIN	Yes	NASDAQ	4:00	2
COP	CONOCOPHILLIPS	COP	Yes	NYSE	4:00	2
CORZ	Core Scientific, Inc.	CORZ	No	NASDAQ	4:00	2
COST	COSTCO COMPANIES	COST	Yes	NASDAQ	4:00	2
CPNG	COUPANG INC	CPNG	Yes	NYSE	4:00	2
CPRI	Capri Holdings Limited	CPRI	No	NYSE	4:00	2
CRBG	COREBRIDGE FINANCIAL INC	CRBG	No	NYSE	4:00	2
CRM	Salesforce, Inc.	CRM	Yes	NYSE	4:00	2
CROX	CROCS INC	CROX	No	NASDAQ	4:00	2
CRSP	CRISPR Therapeutics AG	CRSP	No	NASDAQ	4:00	2
CRWD	CROWDSTRIKE HOLDINGS INC	CRWD	Yes	NASDAQ	4:00	2



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CSCO	CISCO SYSTEMS, INC.	CSCO	Yes	NASDAQ	4:00	2
CSIQ	Canadian Solar Inc	CSIQ	No	NASDAQ	4:00	2
CVE	Cenovus Energy Inc.	CVE	No	NYSE	4:00	2
CVNA	Carvana Company	CVNA	Yes	NYSE	4:00	2
CVS	CVS Health Corporation	CVS	Yes	NYSE	4:00	2
CVX	CHEVRON CORP	CVX	Yes	NYSE	4:00	2
CZR	Caesars Entertainment Corporation	CZR	Yes	NASDAQ	4:00	2
DAL	Delta Air Lines, Inc.	DAL	Yes	NYSE	4:00	2
DASH	DOORDASH, INC.	DASH	Yes	NASDAQ	4:00	2
DB	DEUTSCHE BANKAG	DB	No	NYSE	4:00	2
DBX	DropBox Inc	DBX	No	NASDAQ	4:00	2
DD	DuPont de Nemours, Inc.	DD	No	NYSE	4:00	2
DDOG	DATADOG, INC.	DDOG	Yes	NASDAQ	4:00	2
DE	DEERE & CO	DE	Yes	NYSE	4:00	2
DELL	DELL TECHNOLOGIES, INC.	DELL	Yes	NYSE	4:00	2
DG	Dollar General Corporation	DG	Yes	NYSE	4:00	2
DHI	D.R. HORTON INC	DHI	No	NYSE	4:00	2
DHR	DANAHER CORPORATION	DHR	No	NYSE	4:00	2
DIA	SPDR DJIA ETF Trust	DIA	Yes	NYSE Arca	4:15	2
DIS	WALT DISNEY COMPANY	DIS	Yes	NYSE	4:00	2
DJT	Trump Media & Technology Group Corp.	DJT	Yes	NASDAQ	4:00	2



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DKNG	DraftKings Inc.	DKNG	Yes	NASDAQ	4:00	2
DKS	DICKS SPORTING GOODS INC	DKS	No	NYSE	4:00	2
DLTR	Dollar Tree, Inc	DLTR	Yes	NASDAQ	4:00	2
DOCU	DOCUSIGN INC	DOCU	Yes	NASDAQ	4:00	2
DOW	DOW INC.	DOW	Yes	NYSE	4:00	2
DPST	DIREXION DAILY REGIONAL BANKS BULL 3X SHARES	DPST	No	NYSE Arca	4:00	2
DUK	Duke Energy Corp. Holding Comp	DUK	No	NYSE	4:00	2
DVN	DEVON ENERGY CORP.	DVN	Yes	NYSE	4:00	2
DXCM	DexCom, Inc.	DXCM	No	NASDAQ	4:00	2
EBAY	EBAY INC	EBAY	Yes	NASDAQ	4:00	2
EEM	iShares MSCI Emerging Markets ETF	EEM	Yes	NYSE Arca	4:15	2
EFA	iShares MSCI EAFE ETF	EFA	Yes	NYSE Arca	4:15	2
EL	ESTEE LAUDER COMPANIES, INC.	EL	No	NYSE	4:00	2
ELF	e.l.f. Beauty, Inc.	ELF	No	NYSE	4:00	2
EMB	iShares J.P. Morgan USD Emerging Markets Bond ETF	EMB	Yes	NASDAQ	4:00	2
ENPH	Enphase Energy Inc.	ENPH	Yes	NASDAQ	4:00	2
ENVX	Enovix Corporation	ENVX	Yes	NASDAQ	4:00	2
EOG	EOG RESOURCES, INC	EOG	No	NYSE	4:00	2
EOSE	Eos Energy Enterprises, Inc.	EOSE	Yes	NASDAQ	4:00	2
EPD	ENTERPRISE PROD PARTNERS L.P.	EPD	Yes	NYSE	4:00	2



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EQT	EQT Corporation	EQT	Yes	NYSE	4:00	2
ET	Energy Transfer LP	ET	Yes	NYSE	4:00	2
ETSY	Etsy Inc.	ETSY	Yes	NASDAQ	4:00	2
EW	EDWARDS LIFESCIENCES CORP.	EW	No	NYSE	4:00	2
EWJ	iShares MSCI Japan ETF	EWJ	No	NYSE Arca	4:00	2
EWV	iShares MSCI Mexico ETF	EWV	No	NYSE Arca	4:00	2
EWZ	iShares MSCI Brazil ETF	EWZ	Yes	NYSE Arca	4:15	2
EXPE	Expedia Group, Inc.	EXPE	Yes	NASDAQ	4:00	2
FAS	Direxionshares Daily Financial Bull 3X Shares	FAS	No	NYSE Arca	4:00	2
FCEL	FUELCELL ENERGY, INC.	FCEL	Yes	NASDAQ	4:00	2
FCX	Freeport-McMoRan Inc.	FCX	Yes	NYSE	4:00	2
FDX	FEDEX CORP	FDX	Yes	NYSE	4:00	2
FFIE	Faraday Future Intelligent Electric Inc.	FFIE	Yes	NASDAQ	4:00	2
FIVE	Five Below Inc	FIVE	No	NASDAQ	4:00	2
FL	FOOT LOCKER, INC.	FL	No	NYSE	4:00	2
FSLR	First Solar, Inc.	FSLR	Yes	NASDAQ	4:00	2
FSLY	FASTLY, INC.	FSLY	Yes	NYSE	4:00	2
FTNT	Fortinet Inc.	FTNT	Yes	NASDAQ	4:00	2
FUBO	FUBOTV INC.	FUBO	Yes	NYSE	4:00	2
FUTU	FUTU HOLDINGSLTD.	FUTU	Yes	NASDAQ	4:00	2
FXI	iShares China Large-Cap ETF	FXI	Yes	NYSE Arca	4:00	2



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GAP	GAP, INC.	GAP	Yes	NYSE	4:00	3
GCT	GIGACLOUD TECHNOLOGY, INC.	GCT	No	NASDAQ	4:00	3
GDJ	VanEck Gold Miners ETF	GDJ	Yes	NYSE Arca	4:00	3
GDJX	VanEck Junior Gold Miners ETF	GDJX	Yes	NYSE Arca	4:00	3
GE	GE Aerospace	GE	Yes	NYSE	4:00	3
GEO	The GEO Group, Inc.	GEO	No	NYSE	4:00	3
GEV	GE VERNOVA INC.	GEV	No	NYSE	4:00	3
GILD	GILEAD SCIENCES, INC.	GILD	Yes	NASDAQ	4:00	3
GLD	SPDR Gold Trust	GLD	Yes	NYSE Arca	4:15	3
GLW	CORNING INCORPORATED	GLW	No	NYSE	4:00	3
GM	General Motors Co.	GM	Yes	NYSE	4:00	3
GME	GAMESTOP CORP	GME	Yes	NYSE	4:00	3
GOEV	Canoo Inc.	GOEV	Yes	NASDAQ	4:00	3
GOLD	Barrick Gold Corporation	GOLD	Yes	NYSE	4:00	3
GOOG	Alphabet Inc. Class C Capital Stock	GOOG	Yes	NASDAQ	4:00	3
GOOGL	Alphabet Inc. Class A	GOOGL	Yes	NASDAQ	4:00	3
GRAB	Grab Holdings Limited	GRAB	No	NASDAQ	4:00	3
GRPN	Groupon Inc	GRPN	No	NASDAQ	4:00	3
GS	GOLDMAN SACHS GROUP	GS	Yes	NYSE	4:00	3
GSK	GSK plc	GSK	No	NYSE	4:00	3



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GTLB	GITLAB INC	GTLB	No	NASDAQ	4:00	3
HAL	HALLIBURTON CO	HAL	Yes	NYSE	4:00	3
HD	HOME DEPOT INC	HD	Yes	NYSE	4:00	3
HE	Hawaiian Electric Industries, Inc.	HE	Yes	NYSE	4:00	3
HES	Hess Corporation	HES	No	NYSE	4:00	3
HIMS	Hims & HersHealth, Inc.	HIMS	No	NYSE	4:00	3
HL	HECLA MINING COMPANY	HL	Yes	NYSE	4:00	3
HON	HONEYWELL INTL INC	HON	No	NASDAQ	4:00	3
HOOD	ROBINHOOD MARKET INC	HOOD	Yes	NASDAQ	4:00	3
HPE	Hewlett Packard Enterprise Co.	HPE	No	NYSE	4:00	3
HPQ	HP Inc.	HPQ	Yes	NYSE	4:00	3
HSY	HERSHEY CO THE	HSY	No	NYSE	4:00	3
HTZ	HERTZ GLOBAL HOLDINGS, INC	HTZ	No	NASDAQ	4:00	3
HUM	HUMANA	HUM	No	NYSE	4:00	3
HUT	HUT 8 MINING CORP	HUT	Yes	NASDAQ	4:00	3
HYG	iShares iBoxx \$ High Yield Corporate Bond ETF	HYG	Yes	NYSE Arca	4:15	3
IBB	iShares Biotechnology ETF	IBB	No	NASDAQ	4:00	3
IBRX	ImmunityBio, Inc.	IBRX	No	NASDAQ	4:00	3
IEF	iShares 7-10 Year Treasury Bond ETF	IEF	Yes	NASDAQ	4:00	3
IEP	Icahn Enterprises LP	IEP	No	NASDAQ	4:00	3
IGV	iShares Expanded Tech-Software Sector ETF	IGV	No	CBOE BZX	4:00	3



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INDA	iShares MSCI India ETF	INDA	No	CBOE BZX	4:00	3
INSM	Insmmed, Inc.	INSM	No	NASDAQ	4:00	3
INTC	INTEL CORPORATION	INTC	Yes	NASDAQ	4:00	3
INTU	INTUIT CORP	INTU	No	NASDAQ	4:00	3
INVZ	Innoviz Technologies Ltd.	INVZ	No	NASDAQ	4:00	3
IONQ	IonQ, Inc.	IONQ	Yes	NYSE	4:00	3
IOT	SAMSARA, INC. CLASS A	IOT	No	NYSE	4:00	3
IOVA	Iovance Biotherapeutics, Inc.	IOVA	No	NASDAQ	4:00	3
IP	INTL PAPER	IP	No	NYSE	4:00	3
IQ	IQIYI INC	IQ	Yes	NASDAQ	4:00	3
IREN	IRISENERGY LIMITED	IREN	No	NASDAQ	4:00	3
ISRG	INTUITIVE SURGICAL, INC.	ISRG	No	NASDAQ	4:00	3
ITB	iShares U.S. Home Construction ETF	ITB	No	CBOE BZX	4:00	3
IWM	iShares Russell 2000 ETF	IWM	Yes	NYSE Arca	4:15	3
IYR	iShares U.S. Real Estate ETF	IYR	Yes	NYSE Arca	4:00	3
JBLU	JETBLUE AIRWAYS CORPORATI	JBLU	Yes	NASDAQ	4:00	3
JCI	Johnson Controls International PLC	JCI	No	NYSE	4:00	3
JD	JD.com Inc	JD	Yes	NASDAQ	4:00	3
JETS	U.S. GLOBAL JETS ETF	JETS	Yes	NYSE Arca	4:00	3
JMIA	Jumia Technologies AG	JMIA	No	NYSE	4:00	3
JNJ	JOHNSON & JOHNSON	JNJ	Yes	NYSE	4:00	3



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JOBY	Joby Aviation, Inc.	JOBY	No	NYSE	4:00	3
JPM	JPMORGAN CHASE & CO	JPM	Yes	NYSE	4:00	3
KEY	KEYCORP NEW	KEY	Yes	NYSE	4:00	3
KGC	KINROSS GOLD CORPORATION	KGC	Yes	NYSE	4:00	3
KHC	The Kraft Heinz Company	KHC	Yes	NASDAQ	4:00	3
KKR	KKR & Co. Inc.	KKR	No	NYSE	4:00	3
KMI	Kinder Morgan Inc.	KMI	Yes	NYSE	4:00	3
KMX	CARMAX INC.	KMX	No	NYSE	4:00	3
KO	COCA-COLA COMPANY	KO	Yes	NYSE	4:00	3
KOLD	ProShares UltraShort Bloomberg Natural Gas	KOLD	No	NYSE Arca	4:00	3
KR	KROGER CO	KR	Yes	NYSE	4:00	3
KRE	SPDR S&P Regional Banking ETF	KRE	Yes	NYSE Arca	4:15	3
KSS	KOHL'S CORP	KSS	Yes	NYSE	4:00	3
KVUE	KENVUE INC.	KVUE	Yes	NYSE	4:00	3
KWEB	KraneShares Trust KraneShares CSI China Internet ETF	KWEB	Yes	NYSE Arca	4:00	3
LABU	Direxion Daily S&P Biotech Bull 3X Shares	LABU	Yes	NYSE Arca	4:00	3
LAZR	Luminar Technologies, Inc.	LAZR	Yes	NASDAQ	4:00	3
LCID	Lucid Group, Inc.	LCID	Yes	NASDAQ	4:00	3
LEN	LENNAR CORP	LEN	No	NYSE	4:00	3
LI	LI AUTO, INC.	LI	Yes	NASDAQ	4:00	3
LLY	ELI LILLY & CO	LLY	Yes	NYSE	4:00	3



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LMND	LEMONADE, INC.	LMND	No	NYSE	4:00	3
LMT	LOCKHEED MARTIN	LMT	No	NYSE	4:00	3
LOW	LOWES COS	LOW	Yes	NYSE	4:00	3
LQD	iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	Yes	NYSE Arca	4:00	3
LRCX	LAM RESEARCH CORP.	LRCX	Yes	NASDAQ	4:00	3
LULU	Lululemon Athletica Inc.	LULU	Yes	NASDAQ	4:00	3
LUMN	Lumen Technologies, Inc.	LUMN	Yes	NYSE	4:00	3
LUV	SOUTHWEST AIRLINES COMPANY	LUV	Yes	NYSE	4:00	3
LVS	Las Vegas Sands Corp	LVS	Yes	NYSE	4:00	3
LW	Lamb Weston Holdings, Inc.	LW	No	NYSE	4:00	3
LYFT	LYFT INC	LYFT	Yes	NASDAQ	4:00	3
MARA	Marathon Digital Holdings, Inc.	MARA	Yes	NASDAQ	4:00	4
MAXN	MAXEON SOLAR TECHNOLOGIES, LTD	MAXN	No	NASDAQ	4:00	4
MBLY	MOBILEYE GLOBAL, INC.	MBLY	No	NASDAQ	4:00	4
MCD	MCDONALDS CORP	MCD	Yes	NYSE	4:00	4
MCHP	MICROCHIP TECHNOLOGY INC	MCHP	No	NASDAQ	4:00	4
MDB	MongoDB Inc.	MDB	Yes	NASDAQ	4:00	4
MDT	Medtronic plc	MDT	Yes	NYSE	4:00	4
META	Meta Platforms, Inc.	META	Yes	NASDAQ	4:00	4
MGM	MGM Resorts International	MGM	Yes	NYSE	4:00	4
MMM	3M	MMM	Yes	NYSE	4:00	4



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MNST	Monster Beverage Corporation	MNST	No	NASDAQ	4:00	4
MO	ALTRIA GROUP, INC.	MO	Yes	NYSE	4:00	4
MOS	The Mosaic Company	MOS	Yes	NYSE	4:00	4
MPC	Marathon Petroleum Corporation	MPC	Yes	NYSE	4:00	4
MPW	Medical Properties Trust Inc	MPW	Yes	NYSE	4:00	4
MRK	MERCK & CO	MRK	Yes	NYSE	4:00	4
MRNA	MODERNA, INC.	MRNA	Yes	NASDAQ	4:00	4
MRO	MARATHON OIL CORP	MRO	Yes	NYSE	4:00	4
MRVL	Marvell Technology, Inc.	MRVL	Yes	NASDAQ	4:00	4
MS	MORGAN STANLEY	MS	Yes	NYSE	4:00	4
MSFT	MICROSOFT CORPORATION	MSFT	Yes	NASDAQ	4:00	4
MSOS	ADVISOR SHARES PURE US CANNABIS ETF	MSOS	Yes	NYSE Arca	4:00	4
MSTR	MICROSTRATEGY	MSTR	Yes	NASDAQ	4:00	4
MTCH	Match Group Inc	MTCH	Yes	NASDAQ	4:00	4
MU	MICRON TECH	MU	Yes	NASDAQ	4:00	4
NCLH	Norwegian Cruise Line Holding Ltd	NCLH	Yes	NYSE	4:00	4
NEE	NextEra Energy, Inc.	NEE	Yes	NYSE	4:00	4
NEM	Newmont Corporation	NEM	Yes	NYSE	4:00	4
NEP	NextEra Energy Partners, LP	NEP	No	NYSE	4:00	4
NET	CLOUDFLARE, INC.	NET	Yes	NYSE	4:00	4
NFE	New Fortress Energy Inc.	NFE	No	NASDAQ	4:00	4



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NFLX	NETFLIX INC	NFLX	Yes	NASDAQ	4:00	4
NIO	NIO Inc	NIO	Yes	NYSE	4:00	4
NKE	NIKE INC. CLASS B	NKE	Yes	NYSE	4:00	4
NKLA	Nikola Corporation	NKLA	Yes	NASDAQ	4:00	4
NLY	Annaly Capital Management Inc	NLY	Yes	NYSE	4:00	4
NOK	NOKIA CORP	NOK	Yes	NYSE	4:00	4
NOVA	SUNNOVA ENERGY INTERNATIONAL INC	NOVA	No	NYSE	4:00	4
NOW	ServiceNow Inc.	NOW	No	NYSE	4:00	4
NRG	NRG Energy, Inc.	NRG	No	NYSE	4:00	4
NTAP	Netapp Inc	NTAP	No	NASDAQ	4:00	4
NTR	Nutrien Ltd	NTR	No	NYSE	4:00	4
NU	NU HOLDINGS LTD.	NU	Yes	NYSE	4:00	4
NUGT	Direxion Daily Gold Miners Index Bull 2X Shares	NUGT	No	NYSE Arca	4:00	4
NVAX	NOVAVAX, INC	NVAX	Yes	NASDAQ	4:00	4
NVDA	NVIDIA CORP.	NVDA	Yes	NASDAQ	4:00	4
NVDL	GraniteShares ETF Trust 2x Long NVDA Daily ETF	NVDL	No	NASDAQ	4:00	4
NVO	Novo Nordisk	NVO	Yes	NYSE	4:00	4
NXE	NEXGEN ENERGY LTD.	NXE	No	NYSE	4:00	4
NXT	NEXTRACKER INC.	NXT	No	NASDAQ	4:00	4
NYCB	NEW YORK COMM. BANCORP	NYCB	No	NYSE	4:00	4
OIH	VanEck Oil Services ETF	OIH	No	NYSE Arca	4:00	5



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OKLO	Oklo Inc.	OKLO	No	NYSE	4:00	5
OKTA	OKTA, Inc	OKTA	Yes	NASDAQ	4:00	5
ON	ON SEMICONDUCTOR CORP	ON	Yes	NASDAQ	4:00	5
ONON	ON HOLDING AG CLASS A	ONON	Yes	NYSE	4:00	5
OPEN	Opendoor Technologies Inc	OPEN	Yes	NASDAQ	4:00	5
ORCL	ORACLE SYSTEMS INC.	ORCL	Yes	NYSE	4:00	5
OXY	OCCIDENTAL PETROLEUM	OXY	Yes	NYSE	4:00	5
PANW	Palo Alto Networks Inc	PANW	Yes	NASDAQ	4:00	5
PARA	Paramount Global Class B	PARA	Yes	NASDAQ	4:00	5
PATH	UIPATH INC	PATH	Yes	NYSE	4:00	5
PBI	PITNEY-BOWES INC	PBI	No	NYSE	4:00	5
PBR	PETROLEO BRASILEIRO SA	PBR	Yes	NYSE	4:00	5
PCG	PG & E CORP	PCG	Yes	NYSE	4:00	5
PCT	PURECYCLE TECHNOLOGIES INC	PCT	No	NASDAQ	4:00	5
PDD	PDD Holdings Inc.	PDD	Yes	NASDAQ	4:00	5
PENN	PENN Entertainment, Inc.	PENN	Yes	NASDAQ	4:00	5
PEP	PEPSICO	PEP	Yes	NASDAQ	4:00	5
PFE	PFIZER	PFE	Yes	NYSE	4:00	5
PG	PROCTER & GAMBLE	PG	Yes	NYSE	4:00	5
PINS	Pinterest Inc	PINS	Yes	NYSE	4:00	5
PLTR	PALANTIR TECHNOLOGIES INC.	PLTR	Yes	NYSE	4:00	5



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PLUG	PLUG POWER INC	PLUG	Yes	NASDAQ	4:00	5
PM	Philip Morris International, Inc.	PM	No	NYSE	4:00	5
PNC	PNC FINANCIAL CORP.	PNC	No	NYSE	4:00	5
PTEN	PATTERSON-UTI ENERGY INC	PTEN	No	NASDAQ	4:00	5
PTON	PELOTON INTERACTIVE, INC.	PTON	Yes	NASDAQ	4:00	5
PZZA	PAPA JOHN'S INTL. INC	PZZA	No	NASDAQ	4:00	5
QQQ	Invesco QQQ Trust Series 1	QQQ	Yes	NASDAQ	4:15	5
QS	QuantumScape Corporation	QS	Yes	NYSE	4:00	5
RBLX	ROBLOXCORPORATION	RBLX	Yes	NYSE	4:00	5
RCL	Royal Caribbean Group	RCL	Yes	NYSE	4:00	5
RDDT	REDDIT INC	RDDT	Yes	NYSE	4:00	5
RDFN	Redfin Corp	RDFN	No	NASDAQ	4:00	5
RH	RH	RH	No	NYSE	4:00	5
RIG	Transocean Ltd	RIG	Yes	NYSE	4:00	5
RILY	B Riley Financial Inc	RILY	No	NASDAQ	4:00	5
RIOT	Riot Platforms, Inc.	RIOT	Yes	NASDAQ	4:00	5
RIVN	RIVIAN AUTOMOTIVE, INC.	RIVN	Yes	NASDAQ	4:00	5
RKLB	Rocket Lab USA, Inc.	RKLB	No	NASDAQ	4:00	5
RKT	ROCKET COMPANIES INC	RKT	No	NYSE	4:00	5
ROKU	Roku, Inc. Class A	ROKU	Yes	NASDAQ	4:00	5
RSP	Invesco S&P 500 Equal Weight ETF	RSP	No	NYSE Arca	4:15	5



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RTX	RTX Corporation	RTX	Yes	NYSE	4:00	5
RUM	Rumble Inc.	RUM	No	NASDAQ	4:00	5
RUN	Sunrun Inc.	RUN	Yes	NASDAQ	4:00	5
RXRX	RECURSION PHARMACEUTICALS	RXRX	No	NASDAQ	4:00	5
SAVA	CASSAVA SCIENCES, INC.	SAVA	Yes	NASDAQ	4:00	5
SAVE	Spirit Airlines Inc.	SAVE	Yes	NYSE	4:00	5
SBSW	Sibanye-Stillwater	SBSW	No	NYSE	4:00	5
SBUX	STARBUCKS CORP	SBUX	Yes	NASDAQ	4:00	5
SCHW	Charles Schwab Corp.	SCHW	Yes	NYSE	4:00	5
SE	Sea Ltd	SE	Yes	NYSE	4:00	5
SEDG	SolarEdge Technologies, Inc.	SEDG	Yes	NASDAQ	4:00	5
SG	SWEETGREEN, INC.	SG	No	NYSE	4:00	5
SHEL	Shell plc	SHEL	No	NYSE	4:00	5
SHOP	Shopify Inc	SHOP	Yes	NYSE	4:00	5
SILJ	Amplify Junior Silver Miners ETF	SILJ	No	NYSE Arca	4:00	5
SIRI	Sirius XM Holdings Inc.	SIRI	Yes	NASDAQ	4:00	5
SLB	SCHLUMBERGER LTD	SLB	Yes	NYSE	4:00	5
SLV	iShares Silver Trust	SLV	Yes	NYSE Arca	4:00	5
SMCI	SUPER MICRO COMPUTER INC	SMCI	No	NASDAQ	4:00	5
SMH	VanEck Semiconductor ETF	SMH	Yes	NASDAQ	4:00	5
SMR	NuScale Power Corporation	SMR	No	NYSE	4:00	5



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SNDL	SUNDIAL GROWERS INC.	SNDL	Yes	NASDAQ	4:00	5
SNOW	SNOWFLAKE, INC.	SNOW	Yes	NYSE	4:00	5
SO	SOUTHERN CO	SO	No	NYSE	4:00	5
SOFI	SoFi Technologies, Inc.	SOFI	Yes	NASDAQ	4:00	5
SOUN	SOUNDHOUND AI, INC	SOUN	Yes	NASDAQ	4:00	5
SOXL	Direxion Daily Semiconductor Bull 3X Shares ETF	SOXL	Yes	NYSE Arca	4:00	5
SOXS	Direxion Daily Semiconductor Bear 3X Shares ETF	SOXS	Yes	NYSE Arca	4:00	5
SOXX	iShares Semiconductor ETF	SOXX	No	NASDAQ	4:00	5
SPCE	Virgin Galactic Holdings, Inc.	SPCE	Yes	NYSE	4:00	5
SPOT	SPOTIFY TECHNOLOGY S.A.	SPOT	Yes	NYSE	4:00	5
SPR	Spirit Aerosystems Holdings Inc	SPR	No	NYSE	4:00	5
SPXL	Direxion Daily S&P 500 Bull 3X Shares	SPXL	No	NYSE Arca	4:00	5
SPXS	Direxion Daily S&P 500 Bear 3X Shares	SPXS	Yes	NYSE Arca	4:00	5
SQ	Block, Inc.	SQ	Yes	NYSE	4:00	5
SQQQ	ProShares Ultra Pro Short QQQ	SQQQ	Yes	NASDAQ	4:00	5
SRPT	Sarepta Therapeutics, Inc.	SRPT	No	NASDAQ	4:00	5
STLA	Stellantis N.V.	STLA	No	NYSE	4:00	5
STNE	STONECO LTD.	STNE	No	NASDAQ	4:00	5
STNG	Scorpio Tankers Inc.	STNG	No	NYSE	4:00	5
STX	Seagate Technology Holdings PLC	STX	No	NASDAQ	4:00	5



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SU	SUNCOR ENERGY	SU	Yes	NYSE	4:00	5
SVIX	-1X SHORT VIX FUTURES ETF	SVIX	No	CBOE BZX	4:15	5
SVXY	ProShares Short VIX Short-Term Futures	SVXY	No	CBOE BZX	4:15	5
SWKS	Skyworks Solutions, Inc	SWKS	No	NASDAQ	4:00	5
SYM	SYMBOTIC INC	SYM	No	NASDAQ	4:00	5
TAN	Invesco Solar ETF	TAN	No	NYSE Arca	4:00	6
TDOC	Teladoc Health, Inc.	TDOC	Yes	NYSE	4:00	6
TEAM	Atlassian Corporation	TEAM	No	NASDAQ	4:00	6
TECK	Teck Resources Limited	TECK	Yes	NYSE	4:00	6
TELL	Tellurian, Inc	TELL	No	AMEX	4:00	6
TEVA	TEVA PHARM. IND. INC.	TEVA	Yes	NYSE	4:00	6
TFC	Truist Financial Corporation	TFC	Yes	NYSE	4:00	6
TGT	TARGET CORPORATION	TGT	Yes	NYSE	4:00	6
TGTX	TG Therapeutics, Inc.	TGTX	No	NASDAQ	4:00	6
TJX	TJX COMPANIES, INC.	TJX	Yes	NYSE	4:00	6
TLRY	Tilray Brands, Inc.	TLRY	Yes	NASDAQ	4:00	6
TLT	iShares 20+ Year Treasury Bond ETF	TLT	Yes	NASDAQ	4:15	6
TMF	Direxion Daily 20 Year Treasury Bull 3X Shares	TMF	Yes	NYSE Arca	4:00	6
TMUS	T-Mobile US, Inc.	TMUS	Yes	NASDAQ	4:00	6
TNA	Direxion Daily Small Cap Bull 3X Shares	TNA	Yes	NYSE Arca	4:00	6
TOL	TOLL BROTHERS INC	TOL	No	NYSE	4:00	6



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TOST	TOAST, INC	TOST	Yes	NYSE	4:00	6
TQQQ	ProShares Ultra Pro QQQ	TQQQ	Yes	NASDAQ	4:00	6
TRIP	TripAdvisor Inc.	TRIP	No	NASDAQ	4:00	6
TSLA	Tesla, Inc.	TSLA	Yes	NASDAQ	4:00	6
TSLL	Direxion Shares ETF Daily TSLA Bull 2X	TSLL	Yes	NASDAQ	4:00	6
TSM	Taiwan Semiconductor Mfg. Co.	TSM	Yes	NYSE	4:00	6
TTD	Trade Desk, Inc.	TTD	Yes	NASDAQ	4:00	6
TTWO	TAKE-TWO INTERACTIVE	TTWO	Yes	NASDAQ	4:00	6
TUP	Tupperware Brands Corp	TUP	Yes	NYSE	4:00	6
TWLO	Twilio Inc	TWLO	Yes	NYSE	4:00	6
TXN	TEXAS INSTRUMENTS	TXN	Yes	NASDAQ	4:00	6
TZA	Direxion Daily Small Cap Bear 3X Shares	TZA	Yes	NYSE Arca	4:00	6
UAA	Under Armour, Inc. Class A	UAA	No	NYSE	4:00	6
UAL	United Airlines Holdings, Inc.	UAL	Yes	NASDAQ	4:00	6
UBER	UBER TECHNOLOGIES INC	UBER	Yes	NYSE	4:00	6
UCO	ProShares Ultra Bloomberg Crude Oil	UCO	No	NYSE Arca	4:00	6
UEC	Uranium Energy Corp	UEC	No	AMEX	4:00	6
ULTA	Ulta Beauty, Inc.	ULTA	No	NASDAQ	4:00	6
UNG	United States Natural Gas Fund	UNG	Yes	NYSE Arca	4:15	6
UNH	UNITEDHEALTHGROUP INC.	UNH	Yes	NYSE	4:00	6
UNP	UNION PACIFIC	UNP	No	NYSE	4:00	6



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UPRO	ProShares Ultrapro S&P 500	UPRO	No	NYSE Arca	4:00	6
UPS	UNITED PARCEL SERVICES	UPS	Yes	NYSE	4:00	6
UPST	UPSTART HOLDINGS, INC.	UPST	Yes	NASDAQ	4:00	6
URA	Global X Uranium ETF	URA	No	NYSE Arca	4:00	6
USB	U.S. BANCORP	USB	Yes	NYSE	4:00	6
USO	United States Oil Fund	USO	Yes	NYSE Arca	4:00	6
UVIX	2X LONG VIX FUTURES ETF	UVIX	Yes	CBOE BZX	4:15	6
UVXY	ProShares Ultra VIX Short-Term Futures	UVXY	Yes	CBOE BZX	4:15	6
UVXY1	ProShares Ultra VIX Short-Term Futures- Adjusted	UVXY1	Yes	CBOE BZX	4:15	6
VALE	Vale S.A.	VALE	Yes	NYSE	4:00	6
VFC	VF CORPORATION	VFC	Yes	NYSE	4:00	6
VFS	VINFAST AUTO LTD.	VFS	Yes	NASDAQ	4:00	6
VKTX	Viking Therapeutics Inc	VKTX	No	NASDAQ	4:00	6
VLO	VALERO ENERGY CORP.	VLO	Yes	NYSE	4:00	6
VLV	VALLEY NATIONAL BANCORP	VLV	No	NASDAQ	4:00	6
VOD	VODAFONE GROUP PLC	VOD	Yes	NASDAQ	4:00	6
VRT	VERTIV HOLDINGS CO	VRT	No	NYSE	4:00	6
VST	Vistra Corporation	VST	No	NYSE	4:00	6
VXX	iPath Series B S&P 500 VIX Short-Term Futures	VXX	Yes	CBOE BZX	4:15	6
VZ	VERIZON COMM	VZ	Yes	NYSE	4:00	6
WBA	Walgreens Boots Alliance, Inc.	WBA	Yes	NASDAQ	4:00	6



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WBD	Warner Bros. Discovery, Inc.	WBD	Yes	NASDAQ	4:00	6
WDAY	Workday, Inc.	WDAY	No	NASDAQ	4:00	6
WDC	WESTERN DIGITAL CORP	WDC	Yes	NASDAQ	4:00	6
WHR	WHIRLPOOL CORPORATION	WHR	No	NYSE	4:00	6
WMB	WILLIAMS COMPANIES	WMB	No	NYSE	4:00	6
WMT	Walmart Inc.	WMT	Yes	NYSE	4:00	6
WOLF	Wolfspeed, Inc.	WOLF	No	NYSE	4:00	6
WOOF	PETCO HEALTH AND WELLNESS COMPANY, INC.	WOOF	No	NASDAQ	4:00	6
WULF	TERAWULF INC.	WULF	No	NASDAQ	4:00	6
WYNN	WYNN RESORTS, LIMITED	WYNN	Yes	NASDAQ	4:00	6
XBI	SPDR S&P Biotech ETF	XBI	Yes	NYSE Arca	4:00	6
XHB	SPDR S&P Homebuilders ETF	XHB	Yes	NYSE Arca	4:15	6
XLB	MATERIALS SELECT SECTOR SPDR	XLB	No	NYSE Arca	4:15	6
XLE	ENERGY SECTOR SPDR	XLE	Yes	NYSE Arca	4:15	6
XLF	FINANCIAL SECTOR SPDR	XLF	Yes	NYSE Arca	4:15	6
XLI	INDUSTRIAL SECTOR SPDR	XLI	Yes	NYSE Arca	4:15	6
XLK	TECHNOLOGY SECTOR SPDR	XLK	Yes	NYSE Arca	4:15	6
XLP	CONSUMER STAPLES SPDR	XLP	Yes	NYSE Arca	4:15	6
XLU	UTILITIES SECTOR SPDR	XLU	Yes	NYSE Arca	4:15	6
XLV	HEALTH CARE SELECT SECTOR SPDR	XLV	Yes	NYSE Arca	4:15	6
XLY	Consumer Discretionary Select Sector SPDR	XLY	Yes	NYSE Arca	4:15	6



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XME	SPDR S&P Metals & Mining ETF	XME	No	NYSE Arca	4:15	6
XOM	EXXON MOBIL CORP	XOM	Yes	NYSE	4:00	6
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	XOP	Yes	NYSE Arca	4:00	6
XPEV	XPENG, INC.	XPEV	Yes	NYSE	4:00	6
XRT	SPDR S&P Retail ETF	XRT	Yes	NYSE Arca	4:15	6
YINN	Direxion Daily FTSE China Bull 3X Shares	YINN	No	NYSE Arca	4:00	7
YPF	YPF S.A.	YPF	No	NYSE	4:00	7
ZM	Zoom Video Communcations Inc	ZM	Yes	NASDAQ	4:00	7
ZS	ZSCALER, INC.	ZS	Yes	NASDAQ	4:00	7

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