



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 16, 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
ABEV	Ambev S.A.	ABEV	No	NYSE	4:00 PM	1
ABUS	Arbutus Biopharma Corporation	ABUS	No	NASDAQ	4:00 PM	1
ACCD	ACCOLADE INC	ACCD	No	NASDAQ	4:00 PM	1
ACMR	ACM RESEARCH, INC.	ACMR	No	NASDAQ	4:00 PM	1
ACWI	iShares MSCI ACWI ETF	ACWI	No	NASDAQ	4:00 PM	1
ADMA	ADMA Biologics Inc	ADMA	No	NASDAQ	4:00 PM	1
ADP	AUTOMATIC DATA PROCESSING INC	ADP	No	NASDAQ	4:00 PM	1
AEHR	AEHR TEST SYSTEMS	AEHR	No	NASDAQ	4:00 PM	1
AER	AerCap Holdings NV	AER	No	NYSE	4:00 PM	1
AFL	AFLAC INC.	AFL	No	NYSE	4:00 PM	1
AGI	Alamos Gold Inc	AGI	No	NYSE	4:00 PM	1
AHCO	AdaptHealth Corporation	AHCO	No	NASDAQ	4:00 PM	1
ALAB	ASTERA LABS, INC.	ALAB	No	NASDAQ	4:00 PM	1
ALGM	ALLEGRO MICROSYSTEMS, INC.	ALGM	No	NASDAQ	4:00 PM	1
ALGN	ALIGN TECHNOLOGY INC.	ALGN	No	NASDAQ	4:00 PM	1
ALIT	Alight, Inc.	ALIT	No	NYSE	4:00 PM	1



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Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
ALK	ALASKA AIR GROUP INC	ALK	No	NYSE	4:00 PM	1
ALL	ALLSTATE CORPORATION	ALL	No	NYSE	4:00 PM	1
ALLY	Ally Financial Inc.	ALLY	No	NYSE	4:00 PM	1
ALNY	ALNYLAM PHARMACEUTICALS INC	ALNY	No	NASDAQ	4:00 PM	1
AM	Antero Midstream Partners LP	AM	No	NYSE	4:00 PM	1
AMBA	Ambarella Inc.	AMBA	No	NASDAQ	4:00 PM	1
AMBC	Ambac Financial Group, Inc.	AMBC	No	NYSE	4:00 PM	1
AMKR	AMKOR TECHNOLOGY	AMKR	No	NASDAQ	4:00 PM	1
AMSC	AMERICAN SUPERCONDUCTOR CORP	AMSC	No	NASDAQ	4:00 PM	1
AMT	AMERICAN TOWER CL A	AMT	No	NYSE	4:00 PM	1
ANNX	ANNEXON, INC.	ANNX	No	NASDAQ	4:00 PM	1
AON	Aon plc	AON	No	NYSE	4:00 PM	1
APD	AIR PRODUCTS AND CHEMICALS, INC	APD	No	NYSE	4:00 PM	1
APLS	APELLIS PHARMACEUTICALS, INC.	APLS	No	NASDAQ	4:00 PM	1
APPS	Digital Turbine, Inc.	APPS	No	NASDAQ	4:00 PM	1
APTV	Aptiv PLC	APTV	No	NYSE	4:00 PM	1
ARCC	Ares Capital Corporation	ARCC	No	NASDAQ	4:00 PM	1
ARLP	ALLIANCE RESOURCE PARTNERS	ARLP	No	NASDAQ	4:00 PM	1
ARQT	ARCUTIS BIOTHERAPEUTICS INC	ARQT	No	NASDAQ	4:00 PM	1
ARRY	ARRY TECHNOLOGIES, INC.	ARRY	No	NASDAQ	4:00 PM	1



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ASAN	Asana, Inc.	ASAN	No	NYSE	4:00 PM	1
ASO	ACADEMY SPORTS & OUTDOOR INC	ASO	No	NASDAQ	4:00 PM	1
ASPN	ASPEN AEROGELS, INC.	ASPN	No	NYSE	4:00 PM	1
AU	AngloGold Ashanti plc	AU	No	NYSE	4:00 PM	1
AUPH	Aurinia Pharmaceuticals, Inc.	AUPH	No	NASDAQ	4:00 PM	1
AUR	Aurora Innovation, Inc.	AUR	No	NASDAQ	4:00 PM	1
AVAV	Aerovironment Inc	AVAV	No	NASDAQ	4:00 PM	1
AVDL	Avadel Pharmaceuticals plc	AVDL	No	NASDAQ	4:00 PM	1
AX	Axos Financial, Inc.	AX	No	NYSE	4:00 PM	1
AXON	Axon Enterprise, Inc.	AXON	No	NASDAQ	4:00 PM	1
AXSM	Axsome Therapeutics, Inc.	AXSM	No	NASDAQ	4:00 PM	1
AY	Atlantica Sustainable Infrastructure plc	AY	No	NASDAQ	4:00 PM	1
AZEK	AZEK COMPANY INC	AZEK	No	NYSE	4:00 PM	1
AZUL	Azul S.A.	AZUL	No	NYSE	4:00 PM	1
BBAI	BigBear.ai Holdings, Inc.	BBAI	No	NYSE	4:00 PM	1
BBD	Banco Bradesco	BBD	No	NYSE	4:00 PM	1
BBIO	BRIDGEBIO PHARMA, INC.	BBIO	No	NASDAQ	4:00 PM	1
BCE	BCE INC	BCE	No	NYSE	4:00 PM	1
BCRX	BIOCRYST PHARMACEUTICAS INC	BCRX	No	NASDAQ	4:00 PM	1
BCS	Barclays PLC	BCS	No	NYSE	4:00 PM	1



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BEN	FRANKLIN RESOURCES INC.	BEN	No	NYSE	4:00 PM	1
BG	Bunge Global SA	BG	No	NYSE	4:00 PM	1
BGS	B&G Foods Inc.	BGS	No	NYSE	4:00 PM	1
BHP	BHP Group Limited	BHP	No	NYSE	4:00 PM	1
BHVN	BIOHAVEN LTD	BHVN	No	NYSE	4:00 PM	1
BIIB	Biogen Inc.	BIIB	No	NASDAQ	4:00 PM	1
BIRK	BIRKENSTOCK HOLDING LIMITED	BIRK	No	NYSE	4:00 PM	1
BITI	PROSHARES SHORT BITCOIN STRATEGY ETF	BITI	No	NYSE Arca	4:00 PM	1
BJ	BJS Wholesale Club Holdings Inc.	BJ	No	NYSE	4:00 PM	1
BK	The Bank of New York Mellon Corporation	BK	No	NYSE	4:00 PM	1
BKNG	Booking Holdings Inc.	BKNG	No	NASDAQ	4:00 PM	1
BKR	Baker Hughes Company	BKR	No	NASDAQ	4:00 PM	1
BL	BlackLine, Inc.	BL	No	NASDAQ	4:00 PM	1
BLDR	Builders FirstSource Inc.	BLDR	No	NYSE	4:00 PM	1
BLK	BLACKROCK INC	BLK	No	NYSE	4:00 PM	1
BLUE	Bluebird Bio Inc	BLUE	No	NASDAQ	4:00 PM	1
BMRN	BIOMARIN PHARMACEUTICAL INC	BMRN	No	NASDAQ	4:00 PM	1
BNTX	BIONTECH SE SPONSORED	BNTX	No	NASDAQ	4:00 PM	1
BOOT	Boot Barn Holdings, Inc.	BOOT	No	NYSE	4:00 PM	1
BOX	Box Inc.	BOX	No	NYSE	4:00 PM	1



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BPMC	Blueprint Medicines Corporation	BPMC	No	NASDAQ	4:00 PM	1
BTDR	BITDEER TECHNOLOGIES GROUP	BTDR	No	NASDAQ	4:00 PM	1
BTG	B2Gold Corp.	BTG	No	AMEX	4:00 PM	1
BUD	Anheuser-Busch InBev	BUD	No	NYSE	4:00 PM	1
BURL	Burlington Stores Inc.	BURL	No	NYSE	4:00 PM	1
BW	Babcock & Wilcox Enterprises Inc.	BW	No	NYSE	4:00 PM	1
BXMT	Blackstone Mortgage Trust Inc.	BXMT	No	NYSE	4:00 PM	1
BXP	BXP, Inc.	BXP	No	NYSE	4:00 PM	1
BYD	BOYD GAMING CORP.	BYD	No	NYSE	4:00 PM	1
BZFD	BUZZFEED, INC	BZFD	No	NASDAQ	4:00 PM	1
CAG	Conagra Brands, Inc.	CAG	No	NYSE	4:00 PM	2
CAH	CARDINAL HEALTH INC	CAH	No	NYSE	4:00 PM	2
CAMT	Camtek Ltd.	CAMT	No	NASDAQ	4:00 PM	2
CAN	CANAAN INC. SPONSORED	CAN	No	NASDAQ	4:00 PM	2
CAR	Avis Budget Group Inc	CAR	No	NASDAQ	4:00 PM	2
CARR	CARRIER GLOBAL CORP.	CARR	No	NYSE	4:00 PM	2
CB	Chubb Limited	CB	No	NYSE	4:00 PM	2
CBOE	Cboe Global Markets, Inc.	CBOE	No	CBOE BZX	4:00 PM	2
CBRL	Cracker Barrel Old Country Store	CBRL	No	NASDAQ	4:00 PM	2
CC	The Chemours Company	CC	No	NYSE	4:00 PM	2



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CCI	Crown Castle Inc.	CCI	No	NYSE	4:00 PM	2
CCK	CROWN HOLDINGS INC.	CCK	No	NYSE	4:00 PM	2
CDE	Coeur Mining Inc.	CDE	No	NYSE	4:00 PM	2
CDNS	CADENCE DESIGN SYSTEMS, INC	CDNS	No	NASDAQ	4:00 PM	2
CENX	CENTURY ALUMINUM COMPANY	CENX	No	NASDAQ	4:00 PM	2
CF	CF Industries Holdings Inc.	CF	No	NYSE	4:00 PM	2
CFG	Citizens Financial Group Inc.	CFG	No	NYSE	4:00 PM	2
CG	The Carlyle Group Inc.	CG	No	NASDAQ	4:00 PM	2
CHGG	Chegg Inc.	CHGG	No	NYSE	4:00 PM	2
CHK	CHESAPEAKE ENERGY CORPORATION	CHK	No	NASDAQ	4:00 PM	2
CHRW	C H ROBINSON WORLDWIDE INC	CHRW	No	NASDAQ	4:00 PM	2
CI	The Cigna Group	CI	No	NYSE	4:00 PM	2
CIEN	Ciena Corp	CIEN	No	NYSE	4:00 PM	2
CLMT	Calumet, Inc.	CLMT	No	NASDAQ	4:00 PM	2
CLX	CLOROX CO	CLX	No	NYSE	4:00 PM	2
CME	CME Group Inc.	CME	No	NASDAQ	4:00 PM	2
CNK	Cinemark Holdings Inc.	CNK	No	NYSE	4:00 PM	2
CNM	CORE & MAIN INC	CNM	No	NYSE	4:00 PM	2
CNQ	CANADIAN NATURAL RESOURCES LIMITED	CNQ	No	NYSE	4:00 PM	2
COMM	CommScope Holding Co Inc.	COMM	No	NASDAQ	4:00 PM	2



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CONL	GraniteShares ETF Trust GraniteShares 2x Long COIN Daily ETF	CONL	No	NASDAQ	4:00 PM	2
COPX	GLOBAL X COPPER MINERS ETF	COPX	No	NYSE Arca	4:00 PM	2
CORT	Corcept Therapeutics, Inc.	CORT	No	NASDAQ	4:00 PM	2
COUR	COURSERA, INC.	COUR	No	NYSE	4:00 PM	2
CP	Canadian Pacific Kansas City Limited	CP	No	NYSE	4:00 PM	2
CPB	CAMPBELL SOUP CO	CPB	No	NASDAQ	4:00 PM	2
CPRT	COPART INC	CPRT	No	NASDAQ	4:00 PM	2
CRDO	CREDO TECHNOLOGY GROUP HOLDING LTD.	CRDO	No	NASDAQ	4:00 PM	2
CRGY	CRESCENT ENERGY COMPANY	CRGY	No	NYSE	4:00 PM	2
CRH	CRH Public Limited Company	CRH	No	NYSE	4:00 PM	2
CRK	COMSTOCK RESOURCES, INC.	CRK	No	NYSE	4:00 PM	2
CRNC	CERENCE INC.	CRNC	No	NASDAQ	4:00 PM	2
CRON	Cronos Group Inc.	CRON	No	NASDAQ	4:00 PM	2
CRS	CARPENTER TECHNOLOGY CORPORATION	CRS	No	NYSE	4:00 PM	2
CRTO	Criteo SA	CRTO	No	NASDAQ	4:00 PM	2
CSGP	COSTAR GROUP	CSGP	No	NASDAQ	4:00 PM	2
CSTM	Constellium SE	CSTM	No	NYSE	4:00 PM	2
CSX	CSX CORPORATION	CSX	No	NASDAQ	4:00 PM	2
CTLT	Catalent Inc	CTLT	No	NYSE	4:00 PM	2
CTMX	CytomX Therapeutics, Inc.	CTMX	No	NASDAQ	4:00 PM	2



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CTRA	Coterra Energy Inc.	CTRA	No	NYSE	4:00 PM	2
CTSH	COGNIZANT TECH. SOLUTIONS	CTSH	No	NASDAQ	4:00 PM	2
CTVA	CORTEVA, INC.	CTVA	No	NYSE	4:00 PM	2
CWH	Camping World Holdings, Inc.	CWH	No	NYSE	4:00 PM	2
CXM	SPRINKLR, INC.	CXM	No	NYSE	4:00 PM	2
CXW	CoreCivic, Inc.	CXW	No	NYSE	4:00 PM	2
CYBR	CyberArk Software Ltd/Israel	CYBR	No	NASDAQ	4:00 PM	2
CYH	COMMUNITY HEALTH SYSTEMS, INC.	CYH	No	NYSE	4:00 PM	2
CYTK	Cytokinetics Inc	CYTK	No	NASDAQ	4:00 PM	2
DAR	Darling Ingredients Inc.	DAR	No	NYSE	4:00 PM	2
DAY	Dayforce, Inc.	DAY	No	NYSE	4:00 PM	2
DBI	Designer Brands Inc.	DBI	No	NYSE	4:00 PM	2
DBRG	DigitalBridge Group, Inc.	DBRG	No	NYSE	4:00 PM	2
DDD	3D Systems Corp	DDD	No	NYSE	4:00 PM	2
DECK	DECKERS OUTDOORS CORPORATION	DECK	No	NYSE	4:00 PM	2
DFS	Discover Financial Services	DFS	No	NYSE	4:00 PM	2
DHT	DHT Holdings, Inc.	DHT	No	NYSE	4:00 PM	2
DLO	DLOCAL, LTD	DLO	No	NASDAQ	4:00 PM	2
DLR	Digital Realty Trust Inc.	DLR	No	NYSE	4:00 PM	2
DM	Desktop Metal, Inc.	DM	No	NYSE	4:00 PM	2



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DNA	Ginkgo Bioworks Holdings, Inc.	DNA	No	NYSE	4:00 PM	2
DNN	Denison Mines Corp	DNN	No	AMEX	4:00 PM	2
DNUT	KRISPY KREME, INC	DNUT	No	NASDAQ	4:00 PM	2
DOCN	DIGITALOCEAN HOLDINGS, INC.	DOCN	No	NYSE	4:00 PM	2
DOCS	DOXIMITY, INC	DOCS	No	NYSE	4:00 PM	2
DPZ	DOMINO'S PIZZA INC	DPZ	No	NYSE	4:00 PM	2
DQ	Daqo New Energy Corp.	DQ	No	NYSE	4:00 PM	2
DRI	DARDEN RESTAURANTS INC	DRI	No	NYSE	4:00 PM	2
DT	DYNATRACE, INC.	DT	No	NYSE	4:00 PM	2
DUOL	DUOLINGO, INC.	DUOL	No	NASDAQ	4:00 PM	2
DV	DOUBLEVERIFY HOLDINGS INC	DV	No	NYSE	4:00 PM	2
DVA	DaVita Inc.	DVA	No	NYSE	4:00 PM	2
DXC	DXC Technology Company	DXC	No	NYSE	4:00 PM	2
EAT	BRINKER INT'L, INC.	EAT	No	NYSE	4:00 PM	2
EBS	Emergent Biosolutions Inc.	EBS	No	NYSE	4:00 PM	2
ED	CON EDISON	ED	No	NYSE	4:00 PM	2
EDIT	Editas Medicine, Inc.	EDIT	No	NASDAQ	4:00 PM	2
EDR	ENDEAVOR GROUP HOLDINGS, INC.	EDR	No	NYSE	4:00 PM	2
EGO	ELDORADO GOLD CORP	EGO	No	NYSE	4:00 PM	2
EH	EHANG HOLDINGS LTD.	EH	No	NASDAQ	4:00 PM	2



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ELAN	Elanco Animal Health Inc.	ELAN	No	NYSE	4:00 PM	2
ELV	Elevance Health, Inc.	ELV	No	NYSE	4:00 PM	2
EMR	EMERSON ELECTRIC CO	EMR	No	NYSE	4:00 PM	2
ENB	Enbridge Inc.	ENB	No	NYSE	4:00 PM	2
ENTG	Entegris Inc.	ENTG	No	NASDAQ	4:00 PM	2
EQNR	Equinor ASA	EQNR	No	NYSE	4:00 PM	2
EQX	EQUINOX GOLD CORP	EQX	No	AMEX	4:00 PM	2
ERJ	Embraer S.A.	ERJ	No	NYSE	4:00 PM	2
ERX	Direxion Daily Energy Bull 2X Shares	ERX	No	NYSE Arca	4:00 PM	2
ESPR	Esperion Therapeutics Inc.	ESPR	No	NASDAQ	4:00 PM	2
ESTC	ELASTIC NV	ESTC	No	NYSE	4:00 PM	2
ETN	Eaton Corporation, plc	ETN	No	NYSE	4:00 PM	2
EU	ENCORE ENERGY CORP.	EU	No	NASDAQ	4:00 PM	2
EVGO	EVgo Inc.	EVGO	No	NASDAQ	4:00 PM	2
EVLV	Evolv Technologies Holdings, Inc.	EVLV	No	NASDAQ	4:00 PM	2
EVRI	Everi Holdings Inc.	EVRI	No	NYSE	4:00 PM	2
EWC	iShares MSCI Canada ETF	EWC	No	NYSE Arca	4:00 PM	2
EWH	iShares MSCI Hong Kong ETF	EWH	No	NYSE Arca	4:00 PM	2
EXAS	Exact Sciences Corp.	EXAS	No	NASDAQ	4:00 PM	2
EXC	EXELON CORPORATION	EXC	No	NASDAQ	4:00 PM	2



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EXEL	EXELISIS, INC.	EXEL	No	NASDAQ	4:00 PM	2
EXK	Endeavour Silver Corp.	EXK	No	NYSE	4:00 PM	2
EXPI	EXP WORLD HOLDINGS INC	EXPI	No	NASDAQ	4:00 PM	2
EYPT	EyePoint Pharmaceuticals, Inc.	EYPT	No	NASDAQ	4:00 PM	2
FANG	Diamondback Energy Inc.	FANG	No	NASDAQ	4:00 PM	2
FAST	FASTENAL COMPANY	FAST	No	NASDAQ	4:00 PM	2
FAZ	Direxionshares Daily Financial Bear 3X Shares	FAZ	No	NYSE Arca	4:00 PM	2
FEZ	SPDR EURO STOXX 50 ETF	FEZ	No	NYSE Arca	4:00 PM	2
FGEN	FIBROGEN INC	FGEN	No	NASDAQ	4:00 PM	2
FHN	First Horizon Corporation	FHN	No	NYSE	4:00 PM	2
FI	Fiserv, Inc.	FI	No	NYSE	4:00 PM	2
FIS	Fidelity National Information Services, Inc.	FIS	No	NYSE	4:00 PM	2
FITB	FIFTH THIRD BANCORP	FITB	No	NASDAQ	4:00 PM	2
FIVN	Five9 Inc.	FIVN	No	NASDAQ	4:00 PM	2
FLEX	Flex Ltd.	FLEX	No	NASDAQ	4:00 PM	2
FLNC	FLUENCE ENERGY, INC.	FLNC	No	NASDAQ	4:00 PM	2
FLR	FLUOR CORP	FLR	No	NYSE	4:00 PM	2
FMC	FMC CORPORATION	FMC	No	NYSE	4:00 PM	2
FND	Floor & Decor Holdings, Inc.	FND	No	NYSE	4:00 PM	2
FNV	Franco-Nevada Corporation	FNV	No	NYSE	4:00 PM	2



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FOUR	SHIFT4 PAYMENTS, INC.	FOUR	No	NYSE	4:00 PM	2
FOXA	FOX CORPCL A COM	FOXA	No	NASDAQ	4:00 PM	2
FRO	Frontline Plc	FRO	No	NYSE	4:00 PM	2
FROG	JFROG LTD.	FROG	No	NASDAQ	4:00 PM	2
FSM	Fortuna Mining Corp.	FSM	No	NYSE	4:00 PM	2
FTAI	FTAI Aviation Ltd.	FTAI	No	NASDAQ	4:00 PM	2
FTDR	Frontdoor, Inc.	FTDR	No	NASDAQ	4:00 PM	2
FTI	TechnipFMC plc	FTI	No	NYSE	4:00 PM	2
FVRR	FIVERR INTERNATIONAL LTD.	FVRR	No	NYSE	4:00 PM	2
FWRD	Forward Air Corporation	FWRD	No	NASDAQ	4:00 PM	2
FXY	Invesco CurrencyShares Japanese Yen Trust	FXY	No	NYSE Arca	4:00 PM	2
FYBR	FRONTIER COMMUNICATIONS PARENT, INC	FYBR	No	NASDAQ	4:00 PM	2
GD	GENERAL DYNAMICS	GD	No	NYSE	4:00 PM	3
GDDY	GoDaddy Inc.	GDDY	No	NYSE	4:00 PM	3
GEHC	GE HEALTHCARE TECHNOLOGIES INC.	GEHC	No	NASDAQ	4:00 PM	3
GEN	Gen Digital Inc.	GEN	No	NASDAQ	4:00 PM	3
GERN	GERON CORPORATION	GERN	No	NASDAQ	4:00 PM	3
GES	GUESS ?, INC	GES	No	NYSE	4:00 PM	3
GFI	GOLD FIELDS LIMITED	GFI	No	NYSE	4:00 PM	3
GFS	GLOBALFOUNDRIES INC.	GFS	No	NASDAQ	4:00 PM	3



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GGAL	Grupo Financiero Galicia S.A.	GGAL	No	NASDAQ	4:00 PM	3
GH	GUARDANT HEALTH, INC	GH	No	NASDAQ	4:00 PM	3
GIS	GENERAL MILLS	GIS	No	NYSE	4:00 PM	3
GL	Globe Life Inc.	GL	No	NYSE	4:00 PM	3
GLBE	GLOBAL ONLINE LTD	GLBE	No	NASDAQ	4:00 PM	3
GLNG	Golar LNG Ltd	GLNG	No	NASDAQ	4:00 PM	3
GNRC	Generac Holdings Inc	GNRC	No	NYSE	4:00 PM	3
GOGL	Golden Ocean Group Limited	GOGL	No	NASDAQ	4:00 PM	3
GOOS	Canada Goose Holdings Inc.	GOOS	No	NYSE	4:00 PM	3
GOTU	Gaotu Techedu Inc.	GOTU	No	NYSE	4:00 PM	3
GPCR	STRUCTURE THERAPEUTIC INC	GPCR	No	NASDAQ	4:00 PM	3
GPN	GLOBAL PAYMENTS INC.	GPN	No	NYSE	4:00 PM	3
GPRE	Green Plains Inc.	GPRE	No	NASDAQ	4:00 PM	3
GRND	GRINDR INC	GRND	No	NYSE	4:00 PM	3
GSAT	Globalstar, Inc.	GSAT	No	AMEX	4:00 PM	3
GSL	GLOBAL SHIP LEASE, INC.	GSL	No	NYSE	4:00 PM	3
GT	GOODYEAR T & R	GT	No	NASDAQ	4:00 PM	3
GTHX	G1 Therapeutics Inc	GTHX	No	NASDAQ	4:00 PM	3
GUSH	Direxion Daily S&P Oil&Gas Exp.& Prod.Bull 2XShr	GUSH	No	NYSE Arca	4:00 PM	3
GXO	GXO LOGISTICS INC	GXO	No	NYSE	4:00 PM	3



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HAS	HASBRO, INC	HAS	No	NASDAQ	4:00 PM	3
HBAN	HUNTINGTON BANCSHARES	HBAN	No	NASDAQ	4:00 PM	3
HBI	Hanesbrands Inc.	HBI	No	NYSE	4:00 PM	3
HBM	Hudbay Minerals Inc.	HBM	No	NYSE	4:00 PM	3
HCA	HCA Healthcare, Inc.	HCA	No	NYSE	4:00 PM	3
HCP	HASHICORP, INC.	HCP	No	NASDAQ	4:00 PM	3
HEAR	Turtle Beach Corporation	HEAR	No	NASDAQ	4:00 PM	3
HELE	HELEN OF TROY LTD	HELE	No	NASDAQ	4:00 PM	3
HIMX	Himax Technologies, Inc.	HIMX	No	NASDAQ	4:00 PM	3
HIVE	HIVE Digital Technologies Ltd.	HIVE	No	NASDAQ	4:00 PM	3
HLF	Herbalife Ltd.	HLF	No	NYSE	4:00 PM	3
HLT	Hilton Worldwide Holdings Inc.	HLT	No	NYSE	4:00 PM	3
HMY	HARMONY GOLD MINING COMP. LTD.	HMY	No	NYSE	4:00 PM	3
HOG	HARLEY DAVIDSON, INC.	HOG	No	NYSE	4:00 PM	3
HPP	Hudson Pacific Properties Inc.	HPP	No	NYSE	4:00 PM	3
HR	Healthcare Realty Trust, Inc.	HR	No	NYSE	4:00 PM	3
HRL	HORMEL FOODS CORPORATION	HRL	No	NYSE	4:00 PM	3
HROW	Harrow, Inc.	HROW	No	NASDAQ	4:00 PM	3
HSBC	HSBC HOLDINGS PLC	HSBC	No	NYSE	4:00 PM	3
HTGC	Hercules Capital, Inc.	HTGC	No	NYSE	4:00 PM	3



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HUBS	HubSpot, Inc.	HUBS	No	NYSE	4:00 PM	3
HUMA	Humacyte, Inc.	HUMA	No	NASDAQ	4:00 PM	3
HUN	HUNTSMAN CORPORATION	HUN	No	NYSE	4:00 PM	3
HWM	Howmet Aerospace Inc.	HWM	No	NYSE	4:00 PM	3
IAU	iShares Gold Trust	IAU	No	NYSE Arca	4:00 PM	3
IBKR	Interactive Brokers Group Inc.	IBKR	No	NASDAQ	4:00 PM	3
IBN	ICICI BANK LIMITED	IBN	No	NYSE	4:00 PM	3
ICE	Intercontinental Exchange, Inc.	ICE	No	NYSE	4:00 PM	3
ICLN	ISHARES GLOBAL CLEAN ENERGY ETF	ICLN	No	NASDAQ	4:00 PM	3
IGT	International Game Technology PLC	IGT	No	NYSE	4:00 PM	3
IJR	iShares Core S&P Small-Cap ETF	IJR	No	NYSE Arca	4:00 PM	3
ILMN	Illumina, Inc.	ILMN	No	NASDAQ	4:00 PM	3
INCY	INCYTE GENOMICS INC	INCY	No	NASDAQ	4:00 PM	3
INDI	indie Semiconductor, Inc.	INDI	No	NASDAQ	4:00 PM	3
INFY	Infosys Ltd	INFY	No	NYSE	4:00 PM	3
INMD	INMODE LTD	INMD	No	NASDAQ	4:00 PM	3
INSP	Inspire Medical Systems Inc.	INSP	No	NYSE	4:00 PM	3
IONS	Ionis Pharmaceuticals, Inc.	IONS	No	NASDAQ	4:00 PM	3
IQV	IQVIA Holdings Inc.	IQV	No	NYSE	4:00 PM	3
IR	Ingersoll-Rand plc	IR	No	NYSE	4:00 PM	3



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
IRBT	iRobot Corporation	IRBT	No	NASDAQ	4:00 PM	3
IRM	Iron Mountain Incorporated.	IRM	No	NYSE	4:00 PM	3
ITUB	Itau Unibanco Holding SA	ITUB	No	NYSE	4:00 PM	3
IVZ	Invesco Ltd	IVZ	No	NYSE	4:00 PM	3
JBHT	J.B. HUNT TRANSPORT	JBHT	No	NASDAQ	4:00 PM	3
JBL	Jabil Inc.	JBL	No	NYSE	4:00 PM	3
JEF	Jefferies Financial Group Inc.	JEF	No	NYSE	4:00 PM	3
JNUG	Direxion Daily Junior Gold Miners Index Bull2XShrs	JNUG	No	NYSE Arca	4:00 PM	3
JWN	NORDSTROM	JWN	Yes	NYSE	4:00 PM	3
KBE	SPDR S&P Bank ETF	KBE	No	NYSE Arca	4:15 PM	3
KBH	KB HOME	KBH	No	NYSE	4:00 PM	3
KBR	KBR, Inc.	KBR	No	NYSE	4:00 PM	3
KD	KYNDRYL HOLDINGS INCORPORATION	KD	No	NYSE	4:00 PM	3
KDP	Keuring Dr. Pepper Inc.	KDP	No	NASDAQ	4:00 PM	3
KEYS	Keysight Technologies Inc.	KEYS	No	NYSE	4:00 PM	3
KLAC	KLA Corporation	KLAC	No	NASDAQ	4:00 PM	3
KMB	KIMBERLY-CLARK	KMB	No	NYSE	4:00 PM	3
KNX	Knight-Swift Transportation Holdings Inc.	KNX	No	NYSE	4:00 PM	3
KODK	Eastman Kodak Co	KODK	No	NYSE	4:00 PM	3
KOS	Kosmos Energy Ltd	KOS	No	NYSE	4:00 PM	3



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
KTOS	Kratos Defense & Security Solutions, Inc.	KTOS	No	NASDAQ	4:00 PM	3
LABD	Direxion Daily S&P Biotech Bear 3X Shares	LABD	No	NYSE Arca	4:00 PM	3
LAC	LITHIUM AMERICAS CORP	LAC	No	NYSE	4:00 PM	3
LBTYA	Liberty Global Ltd. Class A	LBTYA	No	NASDAQ	4:00 PM	3
LEG	LEGGETT & PLATT, INC.	LEG	No	NYSE	4:00 PM	3
LEVI	LEVI STRAUSS CO.	LEVI	No	NYSE	4:00 PM	3
LIN	Linde plc	LIN	No	NASDAQ	4:00 PM	3
LIT	Global X Lithium & Battery Tech ETF	LIT	No	NYSE Arca	4:00 PM	3
LNC	LINCOLN NATIONAL	LNC	No	NYSE	4:00 PM	3
LNG	CHENIERE ENERGY INC	LNG	No	NYSE	4:00 PM	3
LNTH	Lantheus Holdings, Inc.	LNTH	No	NASDAQ	4:00 PM	3
LPSN	LivePerson, Inc.	LPSN	No	NASDAQ	4:00 PM	3
LQDA	Liquidia Corporation	LQDA	No	NASDAQ	4:00 PM	3
LSCC	Lattice Semiconductor Corporation	LSCC	No	NASDAQ	4:00 PM	3
LU	LUFAX HOLDING LTD	LU	No	NYSE	4:00 PM	3
LUNR	INTUITIVE MACHINES, INC.	LUNR	No	NASDAQ	4:00 PM	3
LXRX	Lexicon Pharmaceuticals Inc.	LXRX	No	NASDAQ	4:00 PM	3
LYB	LyondellBasell Industries NV	LYB	No	NYSE	4:00 PM	3
LYV	Live Nation Entertainment Inc.	LYV	No	NYSE	4:00 PM	3



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
LZ	LEGALZOOM.COM, INC	LZ	No	NASDAQ	4:00 PM	3
MAR	MARRIOTT INT'L	MAR	No	NASDAQ	4:00 PM	4
MAT	MATTEL INC	MAT	No	NASDAQ	4:00 PM	4
MATV	Mativ Holdings, Inc.	MATV	No	NYSE	4:00 PM	4
MBB	iShares MBS ETF	MBB	No	NASDAQ	4:00 PM	4
MCHI	iShares MSCI China ETF	MCHI	No	NASDAQ	4:00 PM	4
MCK	MCKESSON CORPORATION	MCK	No	NYSE	4:00 PM	4
MCRB	Seres Therapeutics	MCRB	No	NASDAQ	4:00 PM	4
MDLZ	Mondelez International, Inc.	MDLZ	No	NASDAQ	4:00 PM	4
ME	23andMe Holding Co.	ME	No	NASDAQ	4:00 PM	4
MED	Medifast, Inc.	MED	No	NYSE	4:00 PM	4
MELI	Mercadolibre Inc	MELI	No	NASDAQ	4:00 PM	4
MET	METLIFE, INC.	MET	No	NYSE	4:00 PM	4
MGA	Magna International Inc.	MGA	No	NYSE	4:00 PM	4
MGNI	Magnite, Inc.	MGNI	No	NASDAQ	4:00 PM	4
MJ	Amplify Alternative Harvest ETF	MJ	No	NYSE Arca	4:00 PM	4
MKC	MCCORMICK AND COMPANY, INC.	MKC	No	NYSE	4:00 PM	4
MLCO	MELCO RESORTS & ENTERTAINMENT LIMITED	MLCO	No	NASDAQ	4:00 PM	4
MNDY	MONDAY.COM LTD	MNDY	No	NASDAQ	4:00 PM	4
MNKD	MANNKIND CORPORATION	MNKD	No	NASDAQ	4:00 PM	4



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
MNMD	Mind Medicine (MindMed) Inc.	MNMD	No	NASDAQ	4:00 PM	4
MOD	Modine Manufacturing Company	MOD	No	NYSE	4:00 PM	4
MP	MP Materials Corporation	MP	No	NYSE	4:00 PM	4
MPLX	MPLX LP	MPLX	No	NYSE	4:00 PM	4
MRUS	MERUS N.V.	MRUS	No	NASDAQ	4:00 PM	4
MSOX	ADVISORSHARES MSOS 2X DAILY ETF	MSOX	No	NYSE Arca	4:00 PM	4
MT	Arcelor Mittal	MT	No	NYSE	4:00 PM	4
MTDR	Matador Resources Company	MTDR	No	NYSE	4:00 PM	4
MTTR	Matterport, Inc.	MTTR	No	NASDAQ	4:00 PM	4
MTUM	iShares MSCI USA Momentum Factor ETF	MTUM	No	CBOE BZX	4:00 PM	4
MTZ	MASTEC INC	MTZ	No	NYSE	4:00 PM	4
MUB	iShares National Muni Bond ETF	MUB	No	NYSE Arca	4:00 PM	4
MVIS	Microvision, Inc.	MVIS	Yes	NASDAQ	4:00 PM	4
NAT	Nordic American Tankers Ltd	NAT	No	NYSE	4:00 PM	4
NBR	NABORS INDUSTRIES LTD.	NBR	No	NYSE	4:00 PM	4
NDAQ	Nasdaq, Inc.	NDAQ	No	NASDAQ	4:00 PM	4
NEGG	NEWEGG COMMERCE, INC.	NEGG	No	NASDAQ	4:00 PM	4
NEXT	NEXTDECADE CORP.	NEXT	No	NASDAQ	4:00 PM	4
NGD	New Gold Inc.	NGD	No	AMEX	4:00 PM	4
NICE	NICE Ltd	NICE	No	NASDAQ	4:00 PM	4



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
NMM	Navios Maritime Partners LP	NMM	No	NYSE	4:00 PM	4
NN	NEXTNAV INC.	NN	No	NASDAQ	4:00 PM	4
NNOX	NANO-X IMAGING LTD	NNOX	No	NASDAQ	4:00 PM	4
NOC	NORTHROP GRUMMAN CORP	NOC	No	NYSE	4:00 PM	4
NSC	NORFOLK SOUTHERN CORP	NSC	No	NYSE	4:00 PM	4
NTES	NetEase, Inc. American Depositary Shares	NTES	No	NASDAQ	4:00 PM	4
NTGR	NETGEAR INC	NTGR	No	NASDAQ	4:00 PM	4
NTLA	Intellia Therapeutics, Inc.	NTLA	No	NASDAQ	4:00 PM	4
NTNX	Nutanix, Inc.	NTNX	No	NASDAQ	4:00 PM	4
NUE	NUCOR CORPORATION	NUE	No	NYSE	4:00 PM	4
NVD	GraniteShares ETF Trust 2x Short NVDA Daily ETF	NVD	No	NASDAQ	4:00 PM	4
NVS	NOVARTISAG	NVS	No	NYSE	4:00 PM	4
NVTS	NAVITASSEMICONDUCTOR CORPORATION	NVTS	No	NASDAQ	4:00 PM	4
NWL	Newell Brands Inc.	NWL	No	NASDAQ	4:00 PM	4
NXPI	NXP Semiconductors NV	NXPI	No	NASDAQ	4:00 PM	4
OCGN	OCUGEN INC	OCGN	No	NASDAQ	4:00 PM	5
ODD	ODDITY TECH LTD	ODD	No	NASDAQ	4:00 PM	5
ODFL	Old Dominion Freight Line	ODFL	No	NASDAQ	4:00 PM	5
OGN	ORGANON & CO.	OGN	No	NYSE	4:00 PM	5
OHI	OMEGA Healthcare Investors, Inc.	OHI	No	NYSE	4:00 PM	5



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
OKE	ONEOK, INC.	OKE	No	NYSE	4:00 PM	5
OLLI	Ollies Bargain Outlet Holdings, Inc.	OLLI	No	NASDAQ	4:00 PM	5
OLPX	OLAPLEX HOLDINGS INC	OLPX	No	NASDAQ	4:00 PM	5
OMEX	Odyssey Marine Exploration Inc.	OMEX	No	NASDAQ	4:00 PM	5
OMF	OneMain Holdings, Inc.	OMF	No	NYSE	4:00 PM	5
OPK	Opko Health, Inc.	OPK	No	NASDAQ	4:00 PM	5
OPRA	OPERA LTD.	OPRA	No	NASDAQ	4:00 PM	5
OSCR	OSCAR HEALTH INC.	OSCR	No	NYSE	4:00 PM	5
OUST	Ouster, Inc.	OUST	No	NYSE	4:00 PM	5
OVV	OVINTIV INC.	OVV	No	NYSE	4:00 PM	5
OWL	Blue Owl Capital Inc.	OWL	No	NYSE	4:00 PM	5
OZK	Bank OZK	OZK	No	NASDAQ	4:00 PM	5
PAGS	PAGSEGURO DIGITAL LTD	PAGS	No	NYSE	4:00 PM	5
PAYC	Paycom Software Inc.	PAYC	No	NYSE	4:00 PM	5
PAYO	Payoneer Global Inc.	PAYO	No	NASDAQ	4:00 PM	5
PAYX	PAYCHEX, INC	PAYX	No	NASDAQ	4:00 PM	5
PBF	PBF Energy Inc.	PBF	No	NYSE	4:00 PM	5
PCAR	PACCAR INC.	PCAR	No	NASDAQ	4:00 PM	5
PCRX	Pacira BioSciences, Inc.	PCRX	No	NASDAQ	4:00 PM	5
PEG	PUBLICSERVICE ENT GROUP INC	PEG	No	NYSE	4:00 PM	5



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
PGR	PROGRESSIVE CORPORATION	PGR	No	NYSE	4:00 PM	5
PGY	PAGAYA TECHNOLOGIES LTD	PGY	No	NASDAQ	4:00 PM	5
PH	PARKER-HANNIFIN CORP	PH	No	NYSE	4:00 PM	5
PHM	Pulte Group, Inc.	PHM	No	NYSE	4:00 PM	5
PII	Polaris Inc.	PII	No	NYSE	4:00 PM	5
PLAY	Dave and Buster's Entertainment Inc.	PLAY	No	NASDAQ	4:00 PM	5
PLCE	Children's Place, Inc. (The)	PLCE	No	NASDAQ	4:00 PM	5
PLD	PROLOGIS	PLD	No	NYSE	4:00 PM	5
PLNT	Planet Fitness Inc.	PLNT	No	NYSE	4:00 PM	5
PNR	Pentair plc.	PNR	No	NYSE	4:00 PM	5
PODD	Insulet Corporation	PODD	No	NASDAQ	4:00 PM	5
PPG	PPG INDUSTRIES	PPG	No	NYSE	4:00 PM	5
PPL	PPL CORPORATION	PPL	No	NYSE	4:00 PM	5
PR	Permian Resources Corporation	PR	No	NYSE	4:00 PM	5
PRGO	PERRIGO COMPANY	PRGO	No	NYSE	4:00 PM	5
PRU	PRUDENTIAL FINANCIAL, INC.	PRU	No	NYSE	4:00 PM	5
PSEC	Prospect Captial Corporation	PSEC	No	NASDAQ	4:00 PM	5
PSNY	Polestar Automotive Holding UK PLC	PSNY	No	NASDAQ	4:00 PM	5
PSTG	Pure Storage Inc.	PSTG	No	NYSE	4:00 PM	5
PSX	Phillips 66	PSX	No	NYSE	4:00 PM	5



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Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
PTLO	PORTILLOS INC	PTLO	No	NASDAQ	4:00 PM	5
PVH	PVH Corp.	PVH	No	NYSE	4:00 PM	5
PWR	QUANTA SERVICES, INC.	PWR	No	NYSE	4:00 PM	5
QLD	ProShares Ultra QQQ	QLD	No	NYSE Arca	4:00 PM	5
QRVO	Qorvo, Inc.	QRVO	No	NASDAQ	4:00 PM	5
QSR	Restaurant Brands International Inc.	QSR	No	NYSE	4:00 PM	5
QURE	uniQure B.V.	QURE	No	NASDAQ	4:00 PM	5
RBRK	RUBRIK, INC.	RBRK	No	NYSE	4:00 PM	5
RCM	R1 RCM INC	RCM	No	NASDAQ	4:00 PM	5
REAL	REALREAL, INC.	REAL	No	NASDAQ	4:00 PM	5
REI	Ring Energy Inc	REI	No	AMEX	4:00 PM	5
RF	REGIONS FINANCIAL CORP	RF	No	NYSE	4:00 PM	5
RIO	RIO TINTO PLC ADS	RIO	No	NYSE	4:00 PM	5
RITM	Rithm Capital Corporation	RITM	No	NYSE	4:00 PM	5
RJF	RAYMOND JAMES FINANCIAL INC	RJF	No	NYSE	4:00 PM	5
RL	Ralph Lauren Corp.	RL	No	NYSE	4:00 PM	5
RMD	RESMED, INC.	RMD	No	NYSE	4:00 PM	5
RNG	RingCentral Inc.	RNG	No	NYSE	4:00 PM	5
ROIV	ROIVANT SCIENCES LTD	ROIV	No	NASDAQ	4:00 PM	5
ROL	Rollins Inc.	ROL	No	NYSE	4:00 PM	5



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
ROOT	ROOT, INC.	ROOT	No	NASDAQ	4:00 PM	5
ROST	ROSS STORES, INC.	ROST	No	NASDAQ	4:00 PM	5
RPD	Rapid7 Inc.	RPD	No	NASDAQ	4:00 PM	5
RRC	RANGE RESOURCES CORPORATION	RRC	No	NYSE	4:00 PM	5
RSI	Rush Street Interactive, Inc.	RSI	No	NYSE	4:00 PM	5
RY	ROYAL BANK OF CANADA	RY	No	NYSE	4:00 PM	5
SAGE	Sage Therapeutics Inc.	SAGE	No	NASDAQ	4:00 PM	5
SANA	SANA BIOTECHNOLOGY INC.	SANA	No	NASDAQ	4:00 PM	5
SATS	EchoStar Corp	SATS	Yes	NASDAQ	4:00 PM	5
SBLK	Star Bulk Carriers Corporation	SBLK	No	NASDAQ	4:00 PM	5
SCCO	SOUTHERN COPPER CORPORATION	SCCO	No	NYSE	4:00 PM	5
SCHD	Schwab US Dividend Equity ETF	SCHD	No	NYSE Arca	4:00 PM	5
SDOW	ProShares UltraPro Short Dow30	SDOW	No	NYSE Arca	4:00 PM	5
SDS	ProShares UltraShort S&P 500	SDS	No	NYSE Arca	4:00 PM	5
SFIX	Stitch Fix, Inc.	SFIX	No	NASDAQ	4:00 PM	5
SGH	Smart Global Holdings Inc.	SGH	No	NASDAQ	4:00 PM	5
SGMO	Sangamo Therapeutics, Inc.	SGMO	No	NASDAQ	4:00 PM	5
SH	ProShares Short S&P 500	SH	No	NYSE Arca	4:00 PM	5
SHAK	Shake Shack, Inc.	SHAK	No	NYSE	4:00 PM	5
SHLS	SHOALS TECHNOLOGIES GROUP	SHLS	No	NASDAQ	4:00 PM	5



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
SIG	SIGNET JEWELERS	SIG	No	NYSE	4:00 PM	5
SIL	Global X Silver Miners ETF	SIL	No	NYSE Arca	4:00 PM	5
SILV	SILVERCREST METALS, INC.	SILV	No	AMEX	4:00 PM	5
SJM	J M SMUCKER COMPANY (THE)	SJM	No	NYSE	4:00 PM	5
SKIN	The Beauty Health Company	SKIN	No	NASDAQ	4:00 PM	5
SKX	Skechers USA Inc	SKX	No	NYSE	4:00 PM	5
SLG	SL Green Realty Corp.	SLG	No	NYSE	4:00 PM	5
SLS	SELLAS LIFE SCIENCES GROUP, INC.	SLS	No	NASDAQ	4:00 PM	5
SMAR	Smartsheet Inc	SMAR	No	NYSE	4:00 PM	5
SMG	Scotts Miracle Gro Co.	SMG	No	NYSE	4:00 PM	5
SMMT	Summit Therapeutics Inc.	SMMT	No	NASDAQ	4:00 PM	5
SMTC	SEMTECH CORPORATION	SMTC	No	NASDAQ	4:00 PM	5
SNBR	Sleep Number Corporation	SNBR	No	NASDAQ	4:00 PM	5
SNPS	SYNOPSIS INC	SNPS	No	NASDAQ	4:00 PM	5
SNY	Sanofi	SNY	No	NASDAQ	4:00 PM	5
SONY	Sony Group Corporation	SONY	No	NYSE	4:00 PM	5
SPG	SIMON PROPERTY GROUP, INC.	SPG	No	NYSE	4:00 PM	5
SPGI	S&P Global Inc.	SPGI	No	NYSE	4:00 PM	5
SPHR	Sphere Entertainment Co.	SPHR	No	NYSE	4:00 PM	5
SPXU	Prosh Ultrapro Short S&P 500	SPXU	Yes	NYSE Arca	4:00 PM	5



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
SRG	Seritage Growth Properties	SRG	No	NYSE	4:00 PM	5
SSO	ProShares Ultra S&P 500	SSO	No	NYSE Arca	4:00 PM	5
SSRM	SSR Mining Inc.	SSRM	No	NASDAQ	4:00 PM	5
ST	Sensata Technologies Holding plc	ST	No	NYSE	4:00 PM	5
STM	STMICROELECTRONICS NV	STM	No	NYSE	4:00 PM	5
STT	STATE STREET BOSTON CORP.	STT	No	NYSE	4:00 PM	5
STWD	Starwood Property Trust, Inc.	STWD	No	NYSE	4:00 PM	5
STZ	CONSTELLATION BRANDS, INC.	STZ	No	NYSE	4:00 PM	5
SWBI	Smith & Wesson Brands, Inc.	SWBI	No	NASDAQ	4:00 PM	5
SWK	Stanley Black & Decker	SWK	No	NYSE	4:00 PM	5
SWN	SOUTHWESTERN ENERGY COMPANY	SWN	Yes	NYSE	4:00 PM	5
SYF	Synchrony Financial	SYF	No	NYSE	4:00 PM	5
SYK	STRYKER CORP	SYK	No	NYSE	4:00 PM	5
SYU	SYSCO CORPORATION	SYU	No	NYSE	4:00 PM	5
TAL	Tal Education Group	TAL	No	NYSE	4:00 PM	6
TAP	Molson Coors Beverage Company	TAP	No	NYSE	4:00 PM	6
TBT	Proshares Ultrashort 20+ Year Treasury	TBT	Yes	NYSE Arca	4:00 PM	6
TCOM	Trip.com Group Limited	TCOM	No	NASDAQ	4:00 PM	6
TD	TORONTO DOMINION BANK	TD	No	NYSE	4:00 PM	6
TDS	TELEPHONE & DATA SYSTEMS, INC.	TDS	No	NYSE	4:00 PM	6



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
TECL	Direxion Daily Technology Bull 3X Shares	TECL	No	NYSE Arca	4:00 PM	6
TER	TERADYNE, INC	TER	No	NASDAQ	4:00 PM	6
TH	TARGET HOSPITALITY CORP.	TH	No	NASDAQ	4:00 PM	6
THC	TENET HEALTHCARE CORP	THC	No	NYSE	4:00 PM	6
TIGR	UP FINTECH HOLDINGS LIMITED	TIGR	No	NASDAQ	4:00 PM	6
TKO	TKO Group Holdings, Inc.	TKO	No	NYSE	4:00 PM	6
TM	TOYOTA MOTOR CORP	TM	No	NYSE	4:00 PM	6
TMC	TMC the metals company Inc.	TMC	No	NASDAQ	4:00 PM	6
TME	TENCENT MUSIC ENTERTAINMENT GROUP	TME	No	NYSE	4:00 PM	6
TMO	Thermo Fisher Scientific Inc.	TMO	No	NYSE	4:00 PM	6
TNDM	TANDEM DIABETES CARE, INC.	TNDM	No	NASDAQ	4:00 PM	6
TPR	Tapestry, Inc.	TPR	No	NYSE	4:00 PM	6
TPX	Tempur Sealy International, Inc.	TPX	No	NYSE	4:00 PM	6
TRGP	Targa Resources Corp.	TRGP	No	NYSE	4:00 PM	6
TROW	T. ROWE PRICE GROUP INC.	TROW	No	NASDAQ	4:00 PM	6
TRU	TransUnion	TRU	No	NYSE	4:00 PM	6
TRUP	Trupanion, Inc.	TRUP	No	NASDAQ	4:00 PM	6
TRV	The Travelers Companies, Inc.	TRV	No	NYSE	4:00 PM	6
TSCO	TRACTOR SUPPLY COMPANY	TSCO	No	NASDAQ	4:00 PM	6
TSEM	Tower Semiconductor Limited	TSEM	No	NASDAQ	4:00 PM	6



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
TSN	TYSON FOODS INC	TSN	No	NYSE	4:00 PM	6
TT	Trane Technologies plc	TT	No	NYSE	4:00 PM	6
TTC	THE TORO COMPANY	TTC	No	NYSE	4:00 PM	6
TTE	TotalEnergies SE	TTE	No	NYSE	4:00 PM	6
UBS	UBS Group AG	UBS	Yes	NYSE	4:00 PM	6
UDOW	ProShares UltraPro Dow30	UDOW	No	NYSE Arca	4:00 PM	6
UL	Unilever PLC (ADS)	UL	No	NYSE	4:00 PM	6
UNIT	Uniti Group Inc.	UNIT	No	NASDAQ	4:00 PM	6
UP	Wheels Up Experience Inc.	UP	No	NYSE	4:00 PM	6
UPWK	UPWORK INC.	UPWK	No	NASDAQ	4:00 PM	6
URBN	URBAN OUTFITTERS INC	URBN	No	NASDAQ	4:00 PM	6
URI	UNITED RENTALS, INC.	URI	No	NYSE	4:00 PM	6
URNM	Sprott Uranium Miners ETF	URNM	No	NYSE Arca	4:00 PM	6
USFD	US Foods Holding Corp	USFD	No	NYSE	4:00 PM	6
UUP	Invesco DB US Dollar Index Bullish Fund	UUP	Yes	NYSE Arca	4:15 PM	6
UUUU	EnergyFuels, Inc.	UUUU	No	AMEX	4:00 PM	6
UWMC	UWM Holdings Corporation	UWMC	No	NYSE	4:00 PM	6
VEEV	Veeva Systems Inc.	VEEV	No	NYSE	4:00 PM	6
VICI	VICI Properties Inc.	VICI	No	NYSE	4:00 PM	6
VIPS	Vipshop Holdings Limited	VIPS	No	NYSE	4:00 PM	6



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
VIXY	ProShares VIX Short-Term Futures ETF	VIXY	No	CBOE BZX	4:15 PM	6
VIXY1	ProShares VIX Short-Term Futures ETF -Adjusted	VIXY1	No	CBOE BZX	4:15 PM	6
VNO	VORNADO REALTY TRUST	VNO	No	NYSE	4:00 PM	6
VNQ	Vanguard Real Estate ETF	VNQ	No	NYSE Arca	4:00 PM	6
VOO	Vanguard S&P 500 ETF	VOO	No	NYSE Arca	4:00 PM	6
VRNA	VERONA PHARMA PLC	VRNA	No	NASDAQ	4:00 PM	6
VRTX	VERTEX PHARMCTLS, INC.	VRTX	No	NASDAQ	4:00 PM	6
VSAT	ViaSat, Inc.	VSAT	No	NASDAQ	4:00 PM	6
VSCO	VICTORIAS SECRET & CO	VSCO	No	NYSE	4:00 PM	6
VSTS	VESTIS CORPORATION	VSTS	No	NYSE	4:00 PM	6
VTI	Vanguard Total Stock Market ETF	VTI	No	NYSE Arca	4:00 PM	6
VTLE	Vital Energy, Inc.	VTLE	No	NYSE	4:00 PM	6
VTRS	Viatis Inc.	VTRS	No	NASDAQ	4:00 PM	6
VZIO	VIZIO HOLDING CORP	VZIO	No	NYSE	4:00 PM	6
WAL	Western Alliance Bancorp	WAL	No	NYSE	4:00 PM	6
WB	Weibo Corporation	WB	No	NASDAQ	4:00 PM	6
WCC	WESCO INTERNATIONAL	WCC	No	NYSE	4:00 PM	6
WEAT	Tecrium Wheat Fund	WEAT	No	NYSE Arca	4:00 PM	6
WELL	Welltower Inc.	WELL	No	NYSE	4:00 PM	6
WEN	The Wendy's Company	WEN	No	NASDAQ	4:00 PM	6



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
WGMI	VALKYRIE BITCOIN MINERS ETF	WGMI	No	NASDAQ	4:00 PM	6
WGO	WINNEBAGO INDUSTRIES, INC	WGO	No	NYSE	4:00 PM	6
WING	Wingstop Inc.	WING	No	NASDAQ	4:00 PM	6
WIX	Wix.com Ltd.	WIX	No	NASDAQ	4:00 PM	6
WKHS	WORKHORSE GROUP INC.	WKHS	No	NASDAQ	4:00 PM	6
WM	WASTE MANAGEMENT INC	WM	No	NYSE	4:00 PM	6
WMG	WARNER MUSIC GROUP CORP.	WMG	No	NASDAQ	4:00 PM	6
WPM	Wheaton Precious Metals Corporation	WPM	No	NYSE	4:00 PM	6
WSC	WillScot Holdings Corporation	WSC	No	NASDAQ	4:00 PM	6
WSM	WILLIAMS-SONOMA INC	WSM	No	NYSE	4:00 PM	6
WW	WW International, Inc.	WW	No	NASDAQ	4:00 PM	6
XLC	Communication Services Select Sector SPDR	XLC	No	NYSE Arca	4:15 PM	6
XLRE	Real Estate Select Sector SPDR	XLRE	No	NYSE Arca	4:15 PM	6
XP	XP INC.	XP	Yes	NASDAQ	4:00 PM	6
XPO	XPO, Inc.	XPO	No	NYSE	4:00 PM	6
XPOF	XPONENTIAL FITNESS, INC	XPOF	No	NYSE	4:00 PM	6
XRX	Xerox Holdings Corporation	XRX	No	NASDAQ	4:00 PM	6
YETI	YETI HOLDINGS, INC.	YETI	No	NYSE	4:00 PM	7
YEXT	Yext, Inc.	YEXT	No	NYSE	4:00 PM	7
YMM	FULL TRUCK ALLIANCE CO. LTD.	YMM	No	NYSE	4:00 PM	7



MIAX Sapphire™ Options Exchange

Security Symbol	Security Name	Option Class	Penny Program	Exchange for Opening	Closing Time	Cloud
YUM	YUM BRANDS, INC.	YUM	No	NYSE	4:00 PM	7
YUMC	Yum! China Holdings, Inc.	YUMC	No	NYSE	4:00 PM	7
ZTO	ZTO Express Cayman Inc.	ZTO	No	NYSE	4:00 PM	7
ZTS	Zoetis Inc.	ZTS	No	NYSE	4:00 PM	7

Please contact MIAX Sapphire Options Listings with any questions at Listings@miaxglobal.com or (609) 897-7308.