



The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Wednesday, September 18, 2019**. All option classes on MIAX Options have an allocation style of Pro-Rata and billing style of Conventional.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
ACCO	ACCO Brands Corp	ACCO	No	NYSE	4:00 PM	Citadel Securities	1
AM	Antero Midstream Partners LP	AM	No	NYSE	4:00 PM	Citadel Securities	1
AMZA	InfraCap MLP ETF	AMZA	No	NYSE ARCA	4:00 PM	Citadel Securities	1
APPN	Appian Corporation	APPN	No	NASDAQ	4:00 PM	Morgan Stanley	1
ARLO	Arlo Technologies, Inc.	ARLO	No	NYSE	4:00 PM	Susquehanna Securities	1
ATNX	Athenex, Inc.	ATNX	No	NASDAQ	4:00 PM	Susquehanna Securities	1
AVLR	Avalara, Inc.	AVLR	No	NYSE	4:00 PM	Morgan Stanley	1
AVYA	Avaya Holdings Corp.	AVYA	No	NYSE	4:00 PM	Citadel Securities	1
AXSM	Axsome Therapeutics, Inc.	AXSM	No	NASDAQ	4:00 PM	Susquehanna Securities	1
BE	Bloom Energy Corporation	BE	No	NYSE	4:00 PM	Citadel Securities	2
BIL	SPDR Bloomberg Barclays 1-3 Month T-Bill ETF	BIL	No	NYSE ARCA	4:00 PM	Wolverine Trading, LLC	2
BOOM	Dynamic Materials Corporation	BOOM	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	2
BSGM	BioSig Technologies, Inc.	BSGM	No	NASDAQ	4:00 PM	Susquehanna Securities	2
CADE	Cadence Bancorporation	CADE	No	NYSE	4:00 PM	Wolverine Trading, LLC	3
CECE	CECO Environmental Corp	CECE	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	3
CISN	Cision Ltd.	CISN	No	NYSE	4:00 PM	Wolverine Trading, LLC	3
CNTY	Century Casinos, Inc.	CNTY	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	3



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CTST	CannTrust Holdings Inc.	CTST	No	NYSE	4:00 PM	Citadel Securities	3
CTVA	Corteva, Inc.	CTVA	No	NYSE	4:00 PM	Two Sigma Securities	3
CVET	Covetrus, Inc.	CVET	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	3
CVM	CEL-SCI Corporation	CVM	No	AMEX	4:00 PM	Susquehanna Securities	3
DCPH	Deciphera Pharmaceuticals, Inc.	DCPH	No	NASDAQ	4:00 PM	Susquehanna Securities	4
DMRC	Digimarc Corporation	DMRC	No	NASDAQ	4:00 PM	Susquehanna Securities	4
DOMO	Domo, Inc.	DOMO	No	NASDAQ	4:00 PM	Susquehanna Securities	4
DOVA	Dova Pharmaceuticals, Inc.	DOVA	No	NASDAQ	4:00 PM	Susquehanna Securities	4
EB	Eventbrite, Inc.	EB	No	NYSE	4:00 PM	Two Sigma Securities	5
ELAN	Elanco Animal Health Incorporated	ELAN	No	NYSE	4:00 PM	Citadel Securities	5
EMLC	Market Vectors Emerging Mkts Local Currency Bd ETF	EMLC	No	NYSE ARCA	4:00 PM	Wolverine Trading, LLC	5
EOLS	Evolus, Inc.	EOLS	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	5
ESTC	Elastic N.V.	ESTC	No	NYSE	4:00 PM	Citadel Securities	5
EYE	National Vision Holdings, Inc.	EYE	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	5
FDP	Fresh Del Monte Produce Inc.	FDP	No	NYSE	4:00 PM	Wolverine Trading, LLC	6
FI	Frank's International N.V.	FI	No	NYSE	4:00 PM	Wolverine Trading, LLC	6
FNKO	Funko, Inc.	FNKO	No	NASDAQ	4:00 PM	Morgan Stanley	6
FSK	FS KKR Capital Corp.	FSK	No	NYSE	4:00 PM	Susquehanna Securities	6
FSLY	Fastly, Inc.	FSLY	No	NYSE	4:00 PM	Two Sigma Securities	6
FTCH	Farfetch Limited	FTCH	No	NYSE	4:00 PM	Citadel Securities	6



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GH	Guardant Health, Inc.	GH	No	NASDAQ	4:00 PM	Susquehanna Securities	7
GMS	GMS Inc.	GMS	No	NYSE	4:00 PM	Susquehanna Securities	7
HEI	HEICO Corporation	HEI	No	NYSE	4:00 PM	Wolverine Trading, LLC	8
HEXO	HEXO Corp.	HEXO	No	NYSE	4:00 PM	Citadel Securities	8
IIPR	Innovative Industrial Properties, Inc.	IIPR	No	NYSE	4:00 PM	Wolverine Trading, LLC	9
JMIA	Jumia Technologies AG	JMIA	No	NYSE	4:00 PM	Citadel Securities	10
LAUR	Laureate Education, Inc.	LAUR	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	11
LGFA	Lions Gate Entertainment Corp.	LGFA	No	NYSE	4:00 PM	Citadel Securities	11
LK	Luckin Coffee Inc.	LK	No	NASDAQ	4:00 PM	Morgan Stanley	11
LTHM	Livent Corporation	LTHM	No	NYSE	4:00 PM	Citadel Securities	11
MAXR	Maxar Technologies Inc.	MAXR	No	NYSE	4:00 PM	Morgan Stanley	12
MDGL	Madrigal Pharmaceuticals, Inc.	MDGL	No	NASDAQ	4:00 PM	Susquehanna Securities	12
MGLN	Magellan Health, Inc.	MGLN	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	12
MGNX	MacroGenics, Inc.	MGNX	No	NASDAQ	4:00 PM	Susquehanna Securities	12
MMSI	Merit Medical Systems, Inc.	MMSI	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	12
MRKR	Marker Therapeutics, Inc.	MRKR	No	NASDAQ	4:00 PM	Susquehanna Securities	12
MRNA	Moderna, Inc.	MRNA	No	NASDAQ	4:00 PM	Susquehanna Securities	12
NEO	NeoGenomics, Inc.	NEO	No	NASDAQ	4:00 PM	Susquehanna Securities	13
NERV	Minerva Neurosciences, Inc.	NERV	No	NASDAQ	4:00 PM	Susquehanna Securities	13



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NICE	NICE Ltd.	NICE	No	NASDAQ	4:00 PM	Susquehanna Securities	13
NR	Newpark Resources Inc	NR	No	NYSE	4:00 PM	Citadel Securities	13
NVT	nVent Electric plc	NVT	No	NYSE	4:00 PM	Wolverine Trading, LLC	13
OILU	ProShares UltraPro 3x Crude Oil ETF	OILU	No	NYSE ARCA	4:00 PM	Susquehanna Securities	14
ONB	Old National Bancorp	ONB	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	14
ONCE	Spark Therapeutics, Inc.	ONCE	No	NASDAQ	4:00 PM	Morgan Stanley	14
PAM	Pampa Energía S.A.	PAM	No	NYSE	4:00 PM	Wolverine Trading, LLC	14
PAYS	PaySign, Inc.	PAYS	No	NASDAQ	4:00 PM	Citadel Securities	14
PCTY	Paylocity Holding Corporation	PCTY	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	14
PD	PagerDuty, Inc.	PD	No	NYSE	4:00 PM	Susquehanna Securities	14
PLAN	Anaplan, Inc.	PLAN	No	NYSE	4:00 PM	Wolverine Trading, LLC	14
PLT	Plantronics, Inc.	PLT	No	NYSE	4:00 PM	Wolverine Trading, LLC	14
PS	Pluralsight, Inc.	PS	No	NASDAQ	4:00 PM	Citadel Securities	14
PSN	Parsons Corporation	PSN	No	NYSE	4:00 PM	Two Sigma Securities	14
QTT	Qutoutiao Inc.	QTT	No	NASDAQ	4:00 PM	Citadel Securities	15
RVLV	Revolve Group, Inc.	RVLV	No	NYSE	4:00 PM	Susquehanna Securities	15
SDRL	Seadrill Limited	SDRL	No	NYSE	4:00 PM	Wolverine Trading, LLC	16
SKY	Skyline Champion Corporation	SKY	No	NYSE	4:00 PM	Wolverine Trading, LLC	16
SMAR	Smartsheet Inc.	SMAR	No	NYSE	4:00 PM	Morgan Stanley	16
SRDX	Surmodics, Inc.	SRDX	No	NASDAQ	4:00 PM	Susquehanna Securities	16
STI	SunTrust Banks, Inc.	STI	Yes	NYSE	4:00 PM	Citadel Securities	16
STNE	StoneCo Ltd.	STNE	No	NASDAQ	4:00 PM	Morgan Stanley	16



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SVMK	SVMK Inc.	SVMK	No	NASDAQ	4:00 PM	Two Sigma Securities	16
SVRA	Savara Inc.	SVRA	No	NASDAQ	4:00 PM	Susquehanna Securities	16
TAK	Takeda Pharmaceutical Company Limited	TAK	No	NYSE	4:00 PM	Two Sigma Securities	17
TEUM	Pareteum Corporation	TEUM	No	NASDAQ	4:00 PM	Citadel Securities	17
TLRA	Telaria, Inc.	TLRA	No	NYSE	4:00 PM	Wolverine Trading, LLC	17
TME	Tencent Music Entertainment Group	TME	No	NYSE	4:00 PM	Morgan Stanley	17
TOCA	Tocagen Inc.	TOCA	No	NASDAQ	4:00 PM	Citadel Securities	17
TYPE	Monotype Imaging Holdings Inc.	TYPE	No	NASDAQ	4:00 PM	Susquehanna Securities	17
UPLD	Upland Software, Inc.	UPLD	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	18
UPWK	Upwork Inc.	UPWK	No	NASDAQ	4:00 PM	Wolverine Trading, LLC	18
VEDL	Vedanta Limited	VEDL	No	NYSE	4:00 PM	Citadel Securities	19
VFF	Village Farms International, Inc.	VFF	No	NASDAQ	4:00 PM	Citadel Securities	19
VICI	VICI Properties Inc.	VICI	No	NYSE	4:00 PM	Two Sigma Securities	19
YETI	YETI Holdings, Inc.	YETI	No	NYSE	4:00 PM	Two Sigma Securities	20

Please contact MIAX Options Listings with any questions.

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