

**MIAX Options Exchange Regulatory Circular 2021-87**  
**MIAX Pearl Options Exchange Regulatory Circular 2021-78**  
**MIAX Emerald Options Exchange Regulatory Circular 2021-82**

**DATE: December 31, 2021**  
**TO: MIAX Exchange Members**  
**FROM: MIAX Regulatory Department**  
**RE: Option Classes to be Included in the MIAX Penny Interval Program Effective January 3, 2022**

Pursuant to MIAX Options Rule 510(c), MIAX Pearl Rule 510(c) and MIAX Emerald Rule 510(b), MIAX Options, MIAX Pearl Options and MIAX Emerald Options have added the following symbols to the Penny Interval Program (“Penny Program”) effective Monday, January 3, 2022.

SECURITY SYMBOL	SECURITY NAME
AFRM	AFFIRM HOLDINGS, INC.
AHT	ASHFORD HOSPITALITY TRUST, INC.
APPS	DIGITAL TURBINE, INC.
ASO	ACADEMY SPORTS AND OUTDOORS, INC.
ATER	ATERIAN, INC.
ATOS	ATOSSA THERAPEUTICS, INC.
AUPH	AURINIA PHARMACEUTICALS INC.
BEKE	KE HOLDINGS INC.
BKKT	BAKKT HOLDINGS, INC.
BTBT	BIT DIGITAL, INC.
CLNE	CLEAN ENERGY FUELS CORP.
CPNG	COUPANG, INC.
DDD	3D SYSTEMS CORPORATION
DISCA	DISCOVERY, INC.
DNN	DENISON MINES CORP.
EDU	NEW ORIENTAL EDUCATION & TECHNOLOGY GROUP INC.
EXPR	EXPRESS, INC.
FFIE	FARADAY FUTURE INTELLIGENT ELECTRIC INC.
FUTU	FUTU HOLDINGS LIMITED

SECURITY SYMBOL	SECURITY NAME
GGPI	GORES GUGGENHEIM, INC.
GOEV	CANOO INC.
GSAT	GLOBALSTAR, INC.
IGT	INTERNATIONAL GAME TECHNOLOGY PLC
LAZR	LUMINAR TECHNOLOGIES, INC.
MMAT	META MATERIALS INC.
MVIS	MICROVISION, INC.
NUE	NUCOR CORPORATION
OPEN	OPENDOOR TECHNOLOGIES INC.
PROG	PROGENITY, INC.
PSTH	PERSHING SQUARE TONTINE HOLDINGS, LTD.
RIVN	RIVIAN AUTOMOTIVE, INC.
ROOT	ROOT, INC.
RUN	SUNRUN INC.
SAVA	CASSAVA SCIENCES, INC.
SENS	SENSEONICS HOLDINGS, INC.
SKLZ	SKILLZ INC.
SOXL	DIREXION DAILY SEMICONDUCTOR BULL 3X SHARES
TAL	TAL EDUCATION GROUP
TIGR	UP FINTECH HOLDING LIMITED
TTD	THE TRADE DESK, INC.
U	UNITY SOFTWARE INC.
UPST	UPSTART HOLDINGS, INC.
UWMC	UWM HOLDINGS CORPORATION
ZM	ZOOM VIDEO COMMUNICATIONS, INC.

Refer to the links below for a complete list of symbols in the Penny Program.

- [MIAX Options Penny Program](#)
- [MIAX Pearl Options Penny Program](#)
- [MIAX Emerald Options Penny Program](#)

Please direct questions to the Regulatory Department at [Regulatory@MIAOptions.com](mailto:Regulatory@MIAOptions.com) or (609) 897-7309.