



Tradeable U.S. Shares in Rakuten Trade

Rakuten Trade selects counters for clients to trade based on its sole decisions and rules. Below are the list of shares available at Rakuten Trade and are subject to change.

| # | Stock Name | Symbol |
|----|------------------------------|--------|
| 1 | AGILENT TECH INC | A |
| 2 | ALCOA CORP | AA |
| 3 | AMERICAN AIRLINE | AAL |
| 4 | APPLE INC | AAPL |
| 5 | ATLAS AIR WORLDWIDE HOLDINGS | AAWW |
| 6 | ABBVIE INC | ABBV |
| 7 | AMERISOURCEBERGE | ABC |
| 8 | ABCELLERA BIOLOG | ABCL |
| 9 | ABIOMED INC. | ABMD |
| 10 | AIRBNB INC-A | ABNB |
| 11 | ABBOTT LABS | ABT |
| 12 | ARBUTUS BIOPHARM | ABUS |
| 13 | AURORA CANNABIS | ACB |
| 14 | ARCH CAPITAL GRP | ACGL |
| 15 | ALBERTSONS COS-A | ACI |
| 16 | ACCENTURE PLC-A | ACN |
| 17 | ADOBE INC | ADBE |
| 18 | AGREE REALTY CORP | ADC |
| 19 | ANALOG DEVICES | ADI |
| 20 | ARCHER-DANIELS | ADM |
| 21 | AUTOMATIC DATA | ADP |
| 22 | AUTODESK INC | ADSK |
| 23 | AMEREN CORP | AEE |
| 24 | AEHR TEST SYSTEM | AEHR |
| 25 | AMERICAN EAGLE | AEO |
| 26 | AMERICAN ELECTRI | AEP |
| 27 | AES CORP | AES |
| 28 | AFLAC INC | AFL |
| 29 | AFFIRM HOLDINGS | AFRM |
| 30 | AGCO CORP | AGCO |
| 31 | AVANGRID INC | AGR |
| 32 | ADAPTHEALTH CORP | AHCO |
| 33 | C3.AI INC-A | AI |
| 34 | AMERICAN INTERNA | AIG |
| 35 | ARTERIS INC | AIP |
| 36 | ARTHUR J GALLAGH | AJG |
| 37 | AEROJET ROCKETDY | AJRD |
| 38 | AKAMAI TECHNOLOG | AKAM |
| 39 | ALBEMARLE CORP | ALB |
| 40 | ALIGN TECHNOLOGY | ALGN |
| 41 | ALLSTATE CORP | ALL |

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|----|-----------------------------|------|
| 42 | ALLY FINANCIAL I | ALLY |
| 43 | ALNYLAM PHARMACE | ALNY |
| 44 | ANTERO MIDSTREAM | AM |
| 45 | APPLIED MATERIAL | AMAT |
| 46 | AMBARELLA INC | AMBA |
| 47 | AMC ENTERTAINMEN | AMC |
| 48 | AMCOR PLC | AMCR |
| 49 | ADV MICRO DEVICE | AMD |
| 50 | AMETEK INC | AME |
| 51 | AMEDISYS INC | AMED |
| 52 | AMGEN INC | AMGN |
| 53 | AMKOR TECH INC | AMKR |
| 54 | AMERIPRISE FINAN | AMP |
| 55 | AMPLITUDE INC | AMPL |
| 56 | AMYRIS INC | AMRS |
| 57 | AMERICAN WELL -A | AMWL |
| 58 | AMAZON.COM INC | AMZN |
| 59 | ARISTA NETWORKS | ANET |
| 60 | ANSYS INC | ANSS |
| 61 | ANTHEM INC | ANTM |
| 62 | SPHERE 3D CORP | ANY |
| 63 | AON PLC-CLASS A | AON |
| 64 | SMITH (A.O.)CORP | AOS |
| 65 | ALPHA & OMEGA SEMICONDUCTOR | AOSL |
| 66 | APACHE CORP | APA |
| 67 | ARTISAN PARTNE-A | APAM |
| 68 | AIR PRODS & CHEM | APD |
| 69 | AMPHENOL CORP-A | APH |
| 70 | APPLOVIN CORP | APP |
| 71 | DIGITAL TURBINE | APPS |
| 72 | APTIV PLC | APTV |
| 73 | ANTERO RESOURCES | AR |
| 74 | ARES CAPITAL COR | ARCC |
| 75 | ARRAY TECHNOLOGI | ARRY |
| 76 | ARRIVAL SA | ARVL |
| 77 | ASANA INC- CL A | ASAN |
| 78 | ASML HOLDING | ASML |
| 79 | ASTRA SPACE INC | ASTR |
| 80 | AST SPACEMOBILE | ASTS |
| 81 | ATERIAN INC | ATER |
| 82 | ALTICE USA INC-A | ATUS |
| 83 | ACTIVISION BLIZZ | ATVI |
| 84 | BROADCOM INC | AVGO |
| 85 | ATEA PHARMACEU | AVIR |
| 86 | AVANTOR INC | AVTR |
| 87 | AVERY DENNISON | AVY |
| 88 | AMERICAN WATER W | AWK |
| 89 | AMERICAN EXPRESS | AXP |
| 90 | ATLANT SUS INFRA | AY |
| 91 | ALTERYX INC -A | AYX |
| 92 | AZEK CO INC/THE | AZEK |
| 93 | AUTOZONE INC | AZO |

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|-----|-----------------------|-------|
| 94 | AZURE PWR | AZRE |
| 95 | AZENTA INC | AZTA |
| 96 | BOEING CO/THE | BA |
| 97 | BANK OF AMERICA | BAC |
| 98 | BOOZ ALLEN HAMIL | BAH |
| 99 | BAXTER INTL INC | BAX |
| 100 | BLACKBERRY LTD | BB |
| 101 | BRICKELL BIOTECH | BBI |
| 102 | VINCO VENTURES | BBIG |
| 103 | BRIDGEBIO PHARMA INC | BBIO |
| 104 | BEST BUY CO INC | BBY |
| 105 | BCE INC | BCE |
| 106 | BECTON DICKINSON | BDX |
| 107 | BLOOM ENERGY C-A | BE |
| 108 | FRANKLIN RES INC | BEN |
| 109 | BROOKFIELD RENEW | BEPC |
| 110 | BROWN-FORMAN -A | BF/A |
| 111 | BROWN-FORMAN -B | BF/B |
| 112 | BUTTERFLY NETWORK INC | BFLY |
| 113 | BUNGE LTD | BG |
| 114 | BIG LOTS INC | BIG |
| 115 | BIGCOMMERCE HOLD | BIGC |
| 116 | BIOGEN INC | BIIB |
| 117 | BILL.COM HOLDING | BILL |
| 118 | BIO-RAD LABS-A | BIO |
| 119 | ALLBIRDS INC | BIRD |
| 120 | BANK NY MELLON | BK |
| 121 | THE BUCKLE INC | BKE |
| 122 | BAKKT HOLDINGS | BKKT |
| 123 | BOOKING HOLDINGS | BKNG |
| 124 | BLACKSKY TECH | BKSY |
| 125 | TOPBUILD CORP | BLD |
| 126 | BLADE AIR MOBL | BLDE |
| 127 | BALLARD PWR SYS | BLDP |
| 128 | BUILDERS FIRSTSO | BLDR |
| 129 | BERKELEY LIGHTS | BLI |
| 130 | BLACKROCK INC | BLK |
| 131 | BALL CORP | BLL |
| 132 | BLINK CHARGING | BLNK |
| 133 | BUMBLE INC-A | BMBL |
| 134 | BRISTOL-MYER SQB | BMY |
| 135 | BIONANO GENOMICS | BNGO |
| 136 | BANK OF NOVA SC | BNS |
| 137 | BOX INC- CLASS A | BOX |
| 138 | BROADRIDGE FINL | BR |
| 139 | BERKSHIRE INC B | BRK/B |
| 140 | DUTCH BROS INC | BROS |
| 141 | BOSTON SCIENTIFC | BSX |
| 142 | BIT DIGITAL INC | BTBT |
| 143 | PEABODY ENERGY | BTU |
| 144 | BURLINGTON STORE | BURL |
| 145 | BLACKSTONE GROUP | BX |

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|-----|-----------------------------|-------|
| 146 | BEYOND MEAT INC | BYND |
| 147 | CITIGROUP INC | C |
| 148 | CONAGRA BRANDS I | CAG |
| 149 | CARDINAL HEALTH | CAH |
| 150 | AVIS BUDGET | CAR |
| 151 | CARRIER GLOB | CARR |
| 152 | CATERPILLAR INC | CAT |
| 153 | CHUBB LTD | CB |
| 154 | CBRE GROUP INC-A | CBRE |
| 155 | CHEMOURS CO | CC |
| 156 | CAMECO CORP | CCJ |
| 157 | CARNIVAL CORP | CCL |
| 158 | CADENCE DESIGN | CDNS |
| 159 | CDW CORP/DE | CDW |
| 160 | CELANESE CORP | CE |
| 161 | CELSIUS HOLDINGS | CELH |
| 162 | CENNTRO ELECTRIC | CENN |
| 163 | CERNER CORP | CERN |
| 164 | CEMTREX INCĀ | CETX |
| 165 | CF INDUSTRIES HOLDINGS INC | CF |
| 166 | CITIZENS FINANCI | CFG |
| 167 | CONFLUENT INC | CFLT |
| 168 | CULLEN/FROST BANKERS INC | CFR |
| 169 | CANOPY GROWTH CO | CGC |
| 170 | CHURCH & DWIGHT | CHD |
| 171 | CHEGG INC | CHGG |
| 172 | CHECK POINT SOFT | CHKP |
| 173 | CHARGEPOINT | CHPT |
| 174 | C.H. ROBINSON WORLDWIDE INC | CHRW |
| 175 | CHICO's FAS INC | CHS |
| 176 | CHARTER COMMUN-A | CHTR |
| 177 | CHEWY INC- CL A | CHWY |
| 178 | CIGNA CORP | CI |
| 179 | CINCINNATI FIN | CINF |
| 180 | COLGATE-PALMOLIV | CL |
| 181 | CLEVELAND-CLIFFS | CLF |
| 182 | CLOVER HEALTHĀ | CLOV |
| 183 | CONTINENTAL RESOURCES INC | CLR |
| 184 | CLEANS PARK INC | CLSK |
| 185 | CLOROX CO | CLX |
| 186 | COMCAST CORP-A | CMCSA |
| 187 | CME GROUP INC | CME |
| 188 | CHIPOTLE MEXICAN | CMG |
| 189 | CUMMINS INC | CMI |
| 190 | COSTAMARE INC | CMRE |
| 191 | CMS ENERGY CORP | CMS |
| 192 | CENTENE CORP | CNC |
| 193 | CNH INDUSTRIAL N | CNHI |
| 194 | CAN NATURAL RES | CNQ |
| 195 | CAPITAL ONE FINA | COF |
| 196 | COHU INC | COHU |
| 197 | COINBASE GLOBAL INC | COIN |

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|-----|---------------------------|------|
| 198 | COOPER COS INC | COO |
| 199 | CONOCOPHILLIPS | COP |
| 200 | COSTCO WHOLESALE | COST |
| 201 | COUPA SOFTWARE I | COUP |
| 202 | COURSERA INC | COUR |
| 203 | CAMPBELL SOUP CO | CPB |
| 204 | CALLON PETROLEUM CO | CPE |
| 205 | COUPANG INC | CPNG |
| 206 | COPART INC | CPRT |
| 207 | SALESFORCE.COM | CRM |
| 208 | CERENCE INC | CRNC |
| 209 | CROCS INC | CROX |
| 210 | CRISPR THERAPEUT | CRSP |
| 211 | CROWDSTRIKE HO-A | CRWD |
| 212 | CROWN CRAFTS INC | CRWS |
| 213 | CISCO SYSTEMS | CSCO |
| 214 | COSTAR GROUP INC | CSGP |
| 215 | CSX CORP | CSX |
| 216 | CINTAS CORP | CTAS |
| 217 | CATALENT INC | CTLT |
| 218 | COGNIZANT TECH-A | CTSH |
| 219 | CORTEVA INC | CTVA |
| 220 | CITRIX SYSTEMS | CTXS |
| 221 | TORRID HOLDINGS | CURV |
| 222 | CUREVAC NV | CVAC |
| 223 | CVR ENERGY INC | CVI |
| 224 | CARVANA CO | CVNA |
| 225 | CVS HEALTH CORP | CVS |
| 226 | CHEVRON CORP | CVX |
| 227 | CLEARWAY ENERGY | CWEN |
| 228 | CAMPING WORLD-A | CWH |
| 229 | CAESARS ENTERTAI | CZR |
| 230 | DOMINION ENERGY | D |
| 231 | DANAOS CORPRTION | DAC |
| 232 | DELTA AIR LI | DAL |
| 233 | DOORDASH INC-A | DASH |
| 234 | DROPBOX INC-A | DBX |
| 235 | DOCEBO INC | DCBO |
| 236 | DUPONT DE NEMOUR | DD |
| 237 | 3D SYSTEMS CORP | DDD |
| 238 | DATADOG INC-A | DDOG |
| 239 | DEERE & CO | DE |
| 240 | DELL TECHN-C | DELL |
| 241 | DISCOVER FINANCI | DFS |
| 242 | DOLLAR GENERAL C | DG |
| 243 | QUEST DIAGNOSTIC | DGX |
| 244 | DR HORTON INC | DHI |
| 245 | DANAHER CORP | DHR |
| 246 | WALT DISNEY CO | DIS |
| 247 | DISH NETWORK-A | DISH |
| 248 | DRAFTKINGS INC-A | DKNG |
| 249 | DICK'S SPORTING GOODS INC | DKS |

| | | |
|-----|-----------------------------|-------|
| 250 | DLOCAL LTD | DLO |
| 251 | DOLLAR TREE INC | DLTR |
| 252 | DESKTOP METAL | DM |
| 253 | DERMTECH INC | DMTK |
| 254 | KRISPY KREME INC | DNUT |
| 255 | DIGITALOCEAN HD | DOCN |
| 256 | DOXIMITY INC | DOCS |
| 257 | DOCUSIGN INC | DOCU |
| 258 | DOVER CORP | DOV |
| 259 | DOW INC | DOW |
| 260 | DOMINO'S PIZZA | DPZ |
| 261 | DARDEN RESTAURAN | DRI |
| 262 | DRIVEN BRANDS HO | DRVN |
| 263 | DYNATRACE INC | DT |
| 264 | DTE ENERGY CO | DTE |
| 265 | DUKE ENERGY CORP | DUK |
| 266 | DUOLINGO INC | DUOL |
| 267 | DAVITA INC | DVA |
| 268 | DEVON ENERGY CO | DVN |
| 269 | DIGITAL WORLD ACQUISITION-A | DWAC |
| 270 | DEXCOM | DXCM |
| 271 | ELECTRONIC ARTS | EA |
| 272 | EBAY INC | EBAY |
| 273 | EBANG INTL HLD | EBON |
| 274 | EMERGENT BIOSOLU | EBS |
| 275 | ECOLAB INC | ECL |
| 276 | CONS EDISON INC | ED |
| 277 | EDITAS MEDICINE INC. | EDIT |
| 278 | EQUIFAX INC | EFX |
| 279 | EDISON INTL | EIX |
| 280 | ESTEE LAUDER | EL |
| 281 | ELANCO ANIMAL HE | ELAN |
| 282 | EASTMAN CHEMICAL | EMN |
| 283 | EMERSON ELEC CO | EMR |
| 284 | ENBRIDGE INC | ENB |
| 285 | ENPHASE ENERGY | ENPH |
| 286 | EOG RESOURCES | EOG |
| 287 | EPAM SYSTEMS INC | EPAM |
| 288 | EQT CORP | EQT |
| 289 | EVERSOURCE ENERG | ES |
| 290 | EROS STX GLBL CO | ESGC |
| 291 | EATON CORP PLC | ETN |
| 292 | ENTERGY CORP | ETR |
| 293 | ETSY INC | ETSY |
| 294 | EURONAV NV | EURN |
| 295 | EVGO INC | EVGO |
| 296 | EVERGY INC | EVERG |
| 297 | EDWARDS LIFE | EW |
| 298 | EXACT SCIENCES | EXAS |
| 299 | EXELON CORP | EXC |
| 300 | EXELIXIS INC. | EXEL |
| 301 | EXPEDITORS INTL | EXPD |

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|-----|--------------------|------|
| 302 | EXPEDIA GROUP IN | EXPE |
| 303 | EXP WORLD HOLDIN | EXPI |
| 304 | EYEPOINT PHARMA | EYPT |
| 305 | FORD MOTOR CO | F |
| 306 | DIAMONDBACK ENERGY | FANG |
| 307 | FASTENAL CO | FAST |
| 308 | META PLATFORMS | FB |
| 309 | FUELCELL ENERGY | FCEL |
| 310 | FREEPORT-MCMORAN | FCX |
| 311 | FEDEX CORP | FDX |
| 312 | FIRSTENERGY CORP | FE |
| 313 | FAIR ISAAC CORP | FICO |
| 314 | FIDELITY NATIONA | FIS |
| 315 | FISERV INC | FISV |
| 316 | FIFTH THIRD BANC | FITB |
| 317 | FLEX LNG LTD | FLNG |
| 318 | FLEETCOR TECHNOL | FLT |
| 319 | FLOOR & DECOR HD | FND |
| 320 | FORGEROCK INCÂ | FORG |
| 321 | SHIFT4 PAYMENT-A | FOUR |
| 322 | FOX CORP - B | FOX |
| 323 | FOX CORP - A | FOXA |
| 324 | FIRST REPUBLIC B | FRC |
| 325 | JFROG LTD | FROG |
| 326 | FIRST SOLAR INC | FSLR |
| 327 | FASTLY INC -CL A | FSLY |
| 328 | FISKER INC | FSR |
| 329 | FARFETCH LTD-A | FTCH |
| 330 | TECHNIPFMC PLC | FTI |
| 331 | FORTINET INC | FTNT |
| 332 | FORTIVE CORP | FTV |
| 333 | FUBOTV INC | FUBO |
| 334 | ARCIMOTO INC. | FUV |
| 335 | FIVERR INTERNATI | FVRR |
| 336 | GENERAL DYNAMICS | GD |
| 337 | GOODRX HOLDIN-A | GDRX |
| 338 | GRID DYNAMICS HL | GDYN |
| 339 | GENERAL ELECTRIC | GE |
| 340 | GLOBALFOUNDRIES | GFS |
| 341 | GUARDANT HEALTH | GH |
| 342 | GILEAD SCIENCES | GILD |
| 343 | GENERAL MILLS IN | GIS |
| 344 | GLAUKOS CORP | GKOS |
| 345 | GLOBAL-E ONLINE | GLBE |
| 346 | GOLAR LNG | GLNG |
| 347 | CORNING INC | GLW |
| 348 | GENERAL MOTORS C | GM |
| 349 | ESPORTS ENTRTAIN | GMBL |
| 350 | GAMESTOP CORP-A | GME |
| 351 | GENERAC HOLDINGS | GNRC |
| 352 | CANOO INC | GOEV |
| 353 | GOLDEN OCEAN GR | GOGL |

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|-----|---------------------------|-------|
| 354 | BARRICK GOLD COR | GOLD |
| 355 | ALPHABET INC-C | GOOG |
| 356 | ALPHABET INC-A | GOOGL |
| 357 | GENUINE PARTS CO | GPC |
| 358 | GLOBAL PAYMENTS | GPN |
| 359 | GOPRO | GPRO |
| 360 | GAP INC | GPS |
| 361 | GRAB HOLDINGS LTD - CL A | GRAB |
| 362 | GARMIN LTD | GRMN |
| 363 | GREENPRO CAPITAL CORP | GRNQ |
| 364 | GROUPON INC | GRPN |
| 365 | GROWGENERATION | GRWG |
| 366 | GOLDMAN SACHS GP | GS |
| 367 | GLOBAL SHIP LEASE INC | GSL |
| 368 | GITLAB INC | GTLB |
| 369 | WW GRAINGER INC | GWW |
| 370 | HYATT HOTELS-A | H |
| 371 | HAWAIIAN HLD | HA |
| 372 | HALLIBURTON CO | HAL |
| 373 | HASBRO INC | HAS |
| 374 | HUNTINGTON BANC | HBAN |
| 375 | HCA HEALTHCARE I | HCA |
| 376 | WARRIOR MET COAL INC | HCC |
| 377 | HEALTHCARE SERVICES GROUP | HCSG |
| 378 | HOME DEPOT INC | HD |
| 379 | HEICO CORP | HEI |
| 380 | HESS CORP | HES |
| 381 | HARTFORD FINL SV | HIG |
| 382 | HUNTINGTON INGAL | HII |
| 383 | HIMS HERS HEALTH | HIMS |
| 384 | HERBALIFE NUTRITION LTD | HLF |
| 385 | HILTON WORLDWIDE | HLT |
| 386 | HELIX ENERGY | HLX |
| 387 | HOLOGIC INC | HOLX |
| 388 | HONEYWELL INTL | HON |
| 389 | ROBINHOOD | HOOD |
| 390 | HELMERICH & PAYN | HP |
| 391 | HEWLETT PACKA | HPE |
| 392 | HP INC | HPQ |
| 393 | HORMEL FOODS CRP | HRL |
| 394 | HERSHEY CO/THE | HSY |
| 395 | HERCULES CAPITAL | HTGC |
| 396 | HUBSPOT INC | HUBS |
| 397 | HUMANA INC | HUM |
| 398 | HUT 8 MINING CORP | HUT |
| 399 | HYRECAR INC | HYRE |
| 400 | HYZON MOTORS INC | HYZN |
| 401 | HORIZON THERAPEU | HZNP |
| 402 | IAC/INTERACTIVEC | IAC |
| 403 | INTERACTIVE BROK | IBKR |
| 404 | IBM | IBM |
| 405 | INTERCONTINENTAL | ICE |

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|-----|-----------------------------|------|
| 406 | IDEANOMICS INC | IDEX |
| 407 | IDEXX LABS | IDXX |
| 408 | IDEX CORP | IEX |
| 409 | INTL FLVR & FRAG | IFF |
| 410 | II-VI INC | IIVI |
| 411 | ILLUMINA INC | ILMN |
| 412 | IMMERSION CORP | IMMR |
| 413 | INCYTE CORP | INCY |
| 414 | INMODE LTD | INMD |
| 415 | INTEL CORP | INTC |
| 416 | INTUIT INC | INTU |
| 417 | INNOVIZ TECHNO | INVZ |
| 418 | IONQ INC | IONQ |
| 419 | INTL PAPER CO | IP |
| 420 | IQVIA HOLDINGS I | IQV |
| 421 | INGERSOLL-RAND I | IR |
| 422 | IROBOT CORP | IRBT |
| 423 | IRIDIUM COMMUNIC | IRDM |
| 424 | INTUITIVE SURGIC | ISRG |
| 425 | GARTNER INC | IT |
| 426 | ILLINOIS TOOL WO | ITW |
| 427 | INVESCO LTD | IVZ |
| 428 | JACOBS ENGIN GRP | J |
| 429 | JAZZ PHARMACEUTICALS PLC | JAZZ |
| 430 | HUNT (JB) TRANS | JBHT |
| 431 | JETBLUE AIRWAYS | JBLU |
| 432 | JOHNSON CONTROLS | JCI |
| 433 | JOHNSON&JOHNSON | JNJ |
| 434 | JOBY AVIATION | JOBY |
| 435 | JPMORGAN CHASE | JPM |
| 436 | KELLOGG CO | K |
| 437 | KAIVAL BRANDS | KAVL |
| 438 | KYNDRYL HOLDINGS | KD |
| 439 | KEURIG DR PEPPER | KDP |
| 440 | AKERNA CORP | KERN |
| 441 | KEYCORP | KEY |
| 442 | KEYSIGHT TEC | KEYS |
| 443 | KRAFT HEINZ CO/T | KHC |
| 444 | KLA CORP | KLAC |
| 445 | KULICKE SOFFA | KLIC |
| 446 | KIMBERLY-CLARK | KMB |
| 447 | KINDER MORGAN IN | KMI |
| 448 | CARMAX INC | KMX |
| 449 | KNIGHT-SWIFT TRANSPORTATION | KNX |
| 450 | COCA-COLA CO/THE | KO |
| 451 | KOPIN CORP | KOPN |
| 452 | KOSMOS ENERGY LT | KOS |
| 453 | KROGER CO | KR |
| 454 | KURA SUSHI USA | KRUS |
| 455 | LITHIUM AMERICAS | LAC |
| 456 | CS DISCO INC | LAW |
| 457 | LAZARD LTD-CL A | LAZ |

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|-----|----------------------------|-------|
| 458 | LUMINAR TECHNOLO | LAZR |
| 459 | LIBERTY BR-A | LBRDA |
| 460 | LIBERTY BR-C | LBRDK |
| 461 | LIBERTY GLB CL-A | LBTYA |
| 462 | LENDING CLUB | LC |
| 463 | LUCID GROUP | LCID |
| 464 | LEGGETT & PLATT | LEG |
| 465 | LENNAR CORP-A | LEN |
| 466 | LENNAR CORP-B | LEN/B |
| 467 | LEVI STRAUSS-A | LEVI |
| 468 | LABORATORY CP | LH |
| 469 | L3HARRIS TECHNOL | LHX |
| 470 | LINDE PLC | LIN |
| 471 | LUOKUNG TECHNO | LKCO |
| 472 | LIMELIGHT NETWRK | LLNW |
| 473 | ELI LILLY & CO | LLY |
| 474 | LEMONADE INC | LMND |
| 475 | LOCKHEED MARTIN | LMT |
| 476 | ALLIANT ENERGY | LNT |
| 477 | LOGITECH INTL | LOGI |
| 478 | LOWE'S COS INC | LOW |
| 479 | LOUISIANA-PACIFI | LPX |
| 480 | LAM RESEARCH | LRCX |
| 481 | LATTICE SEMICON | LSCC |
| 482 | LIGHTSPEED COMM | LSPD |
| 483 | LIVENT CORP | LTHM |
| 484 | LULULEMON ATH | LULU |
| 485 | LUMEN TECHNOLOGI | LUMN |
| 486 | SOUTHWEST AIR | LUV |
| 487 | LAS VEGAS SANDS | LVS |
| 488 | LYONDELLBASELL-A | LYB |
| 489 | LYFT INC-A | LYFT |
| 490 | LIVE NATION ENTE | LYV |
| 491 | LEGALZOOM COM | LZ |
| 492 | MACY'S INC | M |
| 493 | MASTERCARD INC-A | MA |
| 494 | MAIN STREET CPTL | MAIN |
| 495 | MANCHESTER UNITED PLC-CL A | MANU |
| 496 | MARRIOTT INTL-A | MAR |
| 497 | MARATHON DIGITAL | MARA |
| 498 | MATSON INC | MATX |
| 499 | MCDONALDS CORP | MCD |
| 500 | MICROCHIP TECH | MCHP |
| 501 | MCKESSON CORP | MCK |
| 502 | MOODY'S CORP | MCO |
| 503 | MISTER CAR WASH | MCW |
| 504 | MONGODB INC | MDB |
| 505 | MONDELEZ INTER-A | MDLZ |
| 506 | MEDTRONIC PLC | MDT |
| 507 | MERCADOLIBRE INC | MELI |
| 508 | METLIFE INC | MET |
| 509 | METEN HD | METX |

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|-----|-----------------------------|------|
| 510 | MAGNA INTL | MGA |
| 511 | MONEYGRAM INTL | MGI |
| 512 | MGM RESORTS INTE | MGM |
| 513 | MAGNITE INC | MGNI |
| 514 | MCCORMICK-N/V | MKC |
| 515 | MARKEL CORP | MKL |
| 516 | MARKETAXESS | MKTX |
| 517 | MARTIN MAR MTLs | MLM |
| 518 | MARSH & MCLENNAN | MMC |
| 519 | 3M CO | MMM |
| 520 | MONDAY COM LTD | MNDY |
| 521 | MONSTER BEVERAGE | MNST |
| 522 | ALTRIA GROUP INC | MO |
| 523 | MOSAIC CO/THE | MOS |
| 524 | MARATHON PETROLE | MPC |
| 525 | MONOLITHIC POWER | MPWR |
| 526 | MARQETA INC | MQ |
| 527 | MERCK & CO | MRK |
| 528 | MODERNA INC | MRNA |
| 529 | MARATHON OIL CORP | MRO |
| 530 | MARAVAI LIFE | MRVI |
| 531 | MARVELL TECH GRP | MRVL |
| 532 | MORGAN STANLEY | MS |
| 533 | MSCI INC | MSCI |
| 534 | MICROSOFT CORP | MSFT |
| 535 | MOTOROLA SOLUTIO | MSI |
| 536 | MICROSTRATEGY | MSTR |
| 537 | M&T BANK CORP | MTB |
| 538 | MATCH GROUP INC | MTCH |
| 539 | METTLER-TOLEDO | MTD |
| 540 | MERITAGE HOMES C | MTH |
| 541 | MATTERPORT INC | MTTR |
| 542 | MICRON TECH | MU |
| 543 | MICRO VISION INC. | MVIS |
| 544 | INARI MDICAL INC | NARI |
| 545 | NORDIC AMERICAN TANKERS LTD | NAT |
| 546 | NEUROCRINE BIOSCIENCES INC. | NBIX |
| 547 | NORWEGIAN CRUISE | NCLH |
| 548 | NCINO INC | NCNO |
| 549 | NASDAQ INC | NDAQ |
| 550 | NEXTERA ENERGY | NEE |
| 551 | NEWMONT CORP | NEM |
| 552 | NEOGENOMICS INC | NEO |
| 553 | CLOUDFLARE INC-A | NET |
| 554 | NEWTEK BUSINESS | NEWT |
| 555 | NETFLIX INC | NFLX |
| 556 | NATURAL HEALTH | NHTC |
| 557 | NEW JERSEY RES | NJR |
| 558 | NIKE INC -CL B | NKE |
| 559 | NIKOLA CORP | NKLA |
| 560 | NANO X IMAGING | NNOX |
| 561 | NORTHROP GRUMMAN | NOC |

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| 562 | SERVICENOW INC | NOW |
| 563 | NORFOLK SOUTHERN | NSC |
| 564 | NETAPP INC | NTAP |
| 565 | NUTRIEN | NTR |
| 566 | NORTHERN TRUST | NTRS |
| 567 | NU HOLDINGS LTD | NU |
| 568 | NUCOR CORP | NUE |
| 569 | NU SKIN ENTERPRISES INC - A | NUS |
| 570 | NUZEE INC | NUZE |
| 571 | NOVAVAX INC | NVAX |
| 572 | NOVOCURE LIMITED | NVCR |
| 573 | NVIDIA CORP | NVDA |
| 574 | NVR INC | NVR |
| 575 | INVITAE CORP | NVTA |
| 576 | NORTHWST BANCSHR | NWBI |
| 577 | NEWELL BRANDS IN | NWL |
| 578 | NORTHWEST NATURAL HOLDINGS | NWN |
| 579 | NEWS CORP-CL B | NWS |
| 580 | NEWS CORP-CL A | NWSA |
| 581 | NXP SEMICONDUCTO | NXPI |
| 582 | REALTY INCOME CORP | O |
| 583 | OBSEVA SA | OBSV |
| 584 | OCUGEN INC | OCGN |
| 585 | OIL-DRI CORP OF AMERICA | ODC |
| 586 | OLD DOMINION FRT | ODFL |
| 587 | OGE ENERGY CORP | OGE |
| 588 | ORGANIGRAM HLD | OGI |
| 589 | ORGANON | OGN |
| 590 | ONEOK INC | OKE |
| 591 | OKTA INC | OKTA |
| 592 | UNIVERSAL DISPLAY CORP. | OLED |
| 593 | OLO INC | OLO |
| 594 | OLAPLEX HLD | OLPX |
| 595 | OMNICOM GROUP | OMC |
| 596 | ON SEMICONDUCTOR | ON |
| 597 | ON HOLDING | ONON |
| 598 | ONTO INNOVATION INC | ONTO |
| 599 | OFFERPAD SOL | OPAD |
| 600 | OPENDOOR TECHNOL | OPEN |
| 601 | OWL ROCK CAPITAL | ORCC |
| 602 | ORACLE CORP | ORCL |
| 603 | OLD REPUBLIC INT | ORI |
| 604 | O'REILLY AUTOMOT | ORLY |
| 605 | OSCAR HEALTH INC – CLASS A | OSCR |
| 606 | OCCIDENTAL PETE | OXY |
| 607 | PACIFIC BIOSCIEN | PACB |
| 608 | PAGSEGURO DIGI-A | PAGS |
| 609 | PALO ALTO NETWOR | PANW |
| 610 | PARAMOUNT GLOBAL-CLASS B | PARA |
| 611 | UIPATH INC | PATH |
| 612 | PAYCOM SOFTWARE | PAYC |
| 613 | PAYCHEX INC | PAYX |

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| 614 | PACCAR INC | PCAR |
| 615 | PG&E CORP | PCG |
| 616 | PUB SERV ENTERP | PEG |
| 617 | PENN NATL GAMING | PENN |
| 618 | PEPSICO INC | PEP |
| 619 | PERION NETWORK | PERI |
| 620 | PFIZER INC | PFE |
| 621 | PRINCIPAL FINL | PFG |
| 622 | PERFORMANCE FOOD | PFGC |
| 623 | PROCTER & GAMBLE | PG |
| 624 | PROGYNY INC | PGNY |
| 625 | PROGRESSIVE CORP | PGR |
| 626 | PARKER HANNIFIN | PH |
| 627 | PINTEREST INC -A | PINS |
| 628 | PLBY GROUP INC. | PLBY |
| 629 | PALANTIR TECHN-A | PLTR |
| 630 | PLUG POWER INC | PLUG |
| 631 | PHILIP MORRIS IN | PM |
| 632 | PNC FINANCIAL SE | PNC |
| 633 | INSULET CORP | PODD |
| 634 | POOL CORP | POOL |
| 635 | POWER INTEGRATIO | POWI |
| 636 | PPG INDS INC | PPG |
| 637 | PPL CORP | PPL |
| 638 | PIONEER POWER | PPSI |
| 639 | PERFICIENT INC | PRFT |
| 640 | PROGENITY INC | PROG |
| 641 | PRUDENTL FINL | PRU |
| 642 | PROSPECT CAPITAL | PSEC |
| 643 | PHILLIPS 66 | PSX |
| 644 | PTC INC | PTC |
| 645 | PELTON INTERACT | PTON |
| 646 | PUBMATIC INC | PUBM |
| 647 | PVH CORP | PVH |
| 648 | QUANTA SERVICES | PWR |
| 649 | PIONEER NATURAL | PXD |
| 650 | PAYPAL HOLDINGS | PYPL |
| 651 | FT NQ CLEAN ENRG | QCLN |
| 652 | QUALCOMM INC | QCOM |
| 653 | QORVO INC | QRVO |
| 654 | QUANTUMSCAPE COR | QS |
| 655 | FERRARI NV | RACE |
| 656 | ROBLOX CORP - A | RBLX |
| 657 | ROYAL CARIBBEAN | RCL |
| 658 | REGENERON PHARM | REGN |
| 659 | REMITLY GLOBAL | RELY |
| 660 | REGIONS FINANCIA | RF |
| 661 | RH | RH |
| 662 | LORDSTOWN MOTORS | RIDE |
| 663 | TRANSOCEAN LTD | RIG |
| 664 | RIOT BLOCKCHAIN | RIOT |
| 665 | RIVIAN ATMOTIVE | RIVN |

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| 666 | RAYMOND JAMES | RJF |
| 667 | ROCKET LAB USA | RKLB |
| 668 | ROCKET COS INC-A | RKT |
| 669 | RESMED INC | RMD |
| 670 | RINGCENTRAL IN-A | RNG |
| 671 | ROCKWELL AUTOMAT | ROK |
| 672 | ROKU INC | ROKU |
| 673 | ROLLINS INC | ROL |
| 674 | ROOT INC OH | ROOT |
| 675 | ROPER TECHNOLOGI | ROP |
| 676 | ROSS STORES INC | ROST |
| 677 | ROYALTY PHARMA-A | RPRX |
| 678 | RELIANCE STEEL & ALUMINUM CO | RS |
| 679 | REPUBLIC SVCS | RSG |
| 680 | RAYTHEON TECHNOL | RTX |
| 681 | SUNRUN INC | RUN |
| 682 | REVOLVE GROUP | RVLV |
| 683 | REWALK ROBOTICS | RWLK |
| 684 | SENTINELONE INC | S |
| 685 | CASSAVA SCIENCES | SAVA |
| 686 | STAR BULK CARRIER | SBLK |
| 687 | STARBUCKS CORP | SBUX |
| 688 | SOUTHERN COPPER | SCCO |
| 689 | SCHWAB (CHARLES) | SCHW |
| 690 | SMILEDIRECTCLUB | SDC |
| 691 | SOLAREEDGE TECHNO | SEDG |
| 692 | SFL CORPORATION | SFL |
| 693 | SEAGEN INC | SGEN |
| 694 | SHAKE SHACK INC - CLASS A | SHAK |
| 695 | SHOPIFY | SHOP |
| 696 | SHERWIN-WILLIAMS | SHW |
| 697 | SIGNET JEWELERS | SIG |
| 698 | SIRIUS XM HOLDIN | SIRI |
| 699 | SITEONE LANDSCAP | SITE |
| 700 | SVB FINANCIAL GR | SIVB |
| 701 | SHAW COMMUNICTNS | SJR |
| 702 | BEAUTY HEALTH CO | SKIN |
| 703 | SKILLZ INC | SKLZ |
| 704 | SKECHERS USA-A | SKX |
| 705 | SYKYWATER TECHNO | SKYT |
| 706 | SQL TECHNOLOGIES CORP | SKYX |
| 707 | SCHLUMBERGER LTD | SLB |
| 708 | SLM CORP | SLM |
| 709 | SNAP INC - A | SNAP |
| 710 | SUNDIAL GROWERS | SNDL |
| 711 | SNOWFLAKE INC-A | SNOW |
| 712 | SYNOPSIS INC | SNPS |
| 713 | SOUTHERN CO | SO |
| 714 | SOFI TECHNOLOGY | SOFI |
| 715 | ELECTRAMECCANICA | SOLO |
| 716 | SONOS INC | SONO |
| 717 | VIRGIN GALACTIC | SPCE |

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| 718 | S&P GLOBAL INC | SPGI |
| 719 | SPIRE GLOBAL INC | SPIR |
| 720 | SPLUNK INC | SPLK |
| 721 | SPOTIFY TECHNOLO | SPOT |
| 722 | SUNPOWER CORP | SPWR |
| 723 | BLOCK INC | SQ |
| 724 | SEMPRA ENERGY | SRE |
| 725 | SURGALIGN HLDS | SRGA |
| 726 | SS&C TECHNOLOGIE | SSNC |
| 727 | SURO CAPITAL CO | SSSS |
| 728 | STRATASYS LTD | SSYS |
| 729 | STERIS PLC | STE |
| 730 | STEM INC | STEM |
| 731 | STELLANTIS NV | STLA |
| 732 | STONECO LTD-A | STNE |
| 733 | STATE ST CORP | STT |
| 734 | SEAGATE TECHNOLO | STX |
| 735 | CONSTELLATION-A | STZ |
| 736 | SUNCOR ENERGY | SU |
| 737 | STANLEY BLACK & | SWK |
| 738 | SKYWORKS SOLUTIO | SWKS |
| 739 | SOUTHWESTERN ENE | SWN |
| 740 | SYNCHRONY FINANC | SYF |
| 741 | STRYKER CORP | SYK |
| 742 | SYSCO CORP | SYY |
| 743 | AT&T INC | T |
| 744 | TRANSDIGM GROUP | TDG |
| 745 | TELADOC HEALTH I | TDOC |
| 746 | TIDEWATER INC | TDW |
| 747 | ATLASSIAN CORP-A | TEAM |
| 748 | BIO-TECHNE CORP | TECH |
| 749 | TE CONNECTIVITY | TEL |
| 750 | TERADYNE INC | TER |
| 751 | TRUIST FINANCIAL | TFC |
| 752 | TFS FINANCIAL | TFSL |
| 753 | TELEFLEX INC | TFX |
| 754 | TEXTAINER GROUP | TGH |
| 755 | TEGNA INC | TGNA |
| 756 | TARGET CORP | TGT |
| 757 | TJX COS INC | TJX |
| 758 | TILRAY INC-CL 2 | TLRY |
| 759 | TRANSMEDICS GRP | TMDX |
| 760 | THERMO FISHER | TMO |
| 761 | T-MOBILE US INC | TMUS |
| 762 | TSAKOS ENERG NAVG | TNP |
| 763 | TONIX PHARMACEUT | TNXP |
| 764 | TAPESTRY INC | TPR |
| 765 | TEMPUR SEALY INTERNATIONAL | TPX |
| 766 | TRIPADVISOR INC | TRIP |
| 767 | TRIMBLE INC | TRMB |
| 768 | TORM PLC | TRMD |
| 769 | T ROWE PRICE GRP | TROW |

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| 770 | TRITON INTERNATI | TRTN |
| 771 | TRANSUNION | TRU |
| 772 | TRAVELERS COS IN | TRV |
| 773 | TRACTOR SUPPLY | TSCO |
| 774 | TESLA INC | TSLA |
| 775 | TYSON FOODS-A | TSN |
| 776 | TRANE TECHNOLOGI | TT |
| 777 | TATTOOED CHEF INC | TTCF |
| 778 | TRADE DESK INC-A | TTD |
| 779 | TAKE-TWO INTERAC | TTWO |
| 780 | TELUS CORP | TU |
| 781 | TRADEWEB MARKE-A | TW |
| 782 | TWILIO INC - A | TWLO |
| 783 | TWITTER INC | TWTR |
| 784 | 10X GENOMICS I-A | TXG |
| 785 | TEXAS INSTRUMENT | TXN |
| 786 | TYLER TECHNOLOG | TYL |
| 787 | UNITY SOFTWARE I | U |
| 788 | UNDER ARMOUR INC-CLASS C | UA |
| 789 | UNDER ARMOUR INC | UAA |
| 790 | UNITED AIRLINES | UAL |
| 791 | UBER TECHNOLOGIE | UBER |
| 792 | UNITY BIOTECH | UBX |
| 793 | UDEMY INC | UDMY |
| 794 | URANIUM ENERGY CORP | UEC |
| 795 | UBIQUITI INC | UI |
| 796 | FRONTIER GP HD | ULCC |
| 797 | ULTA BEAUTY INC | ULTA |
| 798 | UNITEDHEALTH GRP | UNH |
| 799 | UNION PAC CORP | UNP |
| 800 | UNITED PARCEL-B | UPS |
| 801 | UPSTART HOLDINGS | UPST |
| 802 | UPWORK INC | UPWK |
| 803 | UNITED RENTALS | URI |
| 804 | US BANCORP | USB |
| 805 | UNITED THERAPEUTICS CORP. | UTHR |
| 806 | UNIVERSAL CORP | UVV |
| 807 | VISA INC-CLASS A | V |
| 808 | VARIAN MEDICAL S | VAR |
| 809 | VEEVA SYSTEMS-A | VEEV |
| 810 | VF CORP | VFC |
| 811 | VIRTU FINANCI A | VIRT |
| 812 | VELOCITYNE LIDAR | VLDR |
| 813 | VALERO ENERGY | VLO |
| 814 | VOLTA INC | VLTA |
| 815 | VULCAN MATERIALS | VMC |
| 816 | VIMEO | VMEO |
| 817 | VMWARE INC-CL A | VMW |
| 818 | VERISK ANALYTI | VRSK |
| 819 | VERISIGN INC | VRSN |
| 820 | VERTEX PHARM | VRTX |
| 821 | VICTORIA'S SECRET & CO | VSCO |

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| 822 | VIATRIS INC | VTRS |
| 823 | VUZIX CRPORATION | VUZI |
| 824 | VERIZON COMMUNIC | VZ |
| 825 | WAYFAIR INC- A | W |
| 826 | WATERS CORP | WAT |
| 827 | WALGREENS BOOTS | WBA |
| 828 | WARNER BROS DISCOVERY INC | WBD |
| 829 | WORKDAY INC-A | WDAY |
| 830 | WESTERN DIGITAL | WDC |
| 831 | WEC ENERGY GROUP | WEC |
| 832 | WELLS FARGO & CO | WFC |
| 833 | WYNDHAM HOTELS & RESORTS INC | WH |
| 834 | CONTEXTLOGIC I-A | WISH |
| 835 | WIX.COM LTD | WIX |
| 836 | WORKHORSE GROUP | WKHS |
| 837 | WESTLAKE CORP | WLK |
| 838 | WASTE MANAGEMENT | WM |
| 839 | WILLIAMS COS INC | WMB |
| 840 | WARNER MUSIC-A | WMG |
| 841 | WALMART INC | WMT |
| 842 | WEST PHARMACEUT | WST |
| 843 | W&T OFFSHORE INC | WTI |
| 844 | WILLIS TOWERS WA | WTW |
| 845 | WESTERN UNION | WU |
| 846 | WYNN RESORTS LTD | WYNN |
| 847 | US STEEL CORP | X |
| 848 | XCEL ENERGY INC | XEL |
| 849 | EXELA TECHNO | XELA |
| 850 | QUALTRICS INT-A | XM |
| 851 | XOMETRY INC-A | XMTR |
| 852 | EXXON MOBIL CORP | XOM |
| 853 | XP INC - CLASS A | XP |
| 854 | XYLEM INC | XYL |
| 855 | YETI HOLDINGS IN | YETI |
| 856 | YUM! BRANDS INC | YUM |
| 857 | YUM CHINA HO | YUMC |
| 858 | ZILLOW GRO-C | Z |
| 859 | ZIMMER BIOMET HO | ZBH |
| 860 | ZEBRA TECH CORP | ZBRA |
| 861 | ZENDESK INC | ZEN |
| 862 | ZILLOW GROUP I-A | ZG |
| 863 | ZOOMINFO TECH-A | ZI |
| 864 | ZIM INTGRTD SHIP | ZIM |
| 865 | ZOOM VIDEO COM-A | ZM |
| 866 | ZYNGA INC- CL A | ZNGA |
| 867 | ZSCALER INC | ZS |
| 868 | ZOETIS INC | ZTS |
| 869 | ZUORA INC | ZUO |