



## ERI 2017 Top Management and Executive Compensation Survey – All Revenues

### *Participant List*

|                                      |                               |
|--------------------------------------|-------------------------------|
| 1347 Property Insurance Holdings Inc | ABM Industries Inc            |
| 180 Degree Capital Corp              | Abraxas Petroleum Corp        |
| 1-800-Flowers.com Inc                | Acacia Communications Inc     |
| 1st Constitution Bancorp             | Acacia Research Corp          |
| 1st Source Corp                      | Acadia Healthcare Co Inc      |
| 22nd Century Group Inc               | ACADIA Pharmaceuticals Inc    |
| 2U Inc                               | Acadia Realty Trust           |
| 3D Systems Corp                      | Accelerate Diagnostics Inc    |
| 3M Co                                | Accelerize Inc                |
| 8point3 Energy Partners LP           | Accelaron Pharma Inc          |
| 8x8 Inc                              | ACCO Brands Corp              |
| A H Belo Corp                        | Accuray Inc                   |
| A V Homes Inc                        | AcelRx Pharmaceuticals Inc    |
| A. Schulman Inc                      | Aceto Corp                    |
| A.O. Smith Corp                      | Achaogen Inc                  |
| A10 Networks Inc                     | Achillion Pharmaceuticals Inc |
| AAC Holdings Inc                     | ACI Worldwide Inc             |
| AAON Inc                             | Aclaris Therapeutics Inc      |
| AAR Corp                             | Acme United Corp              |
| Aaron's Inc                          | ACNB Corp                     |
| AB International Group Corp          | Acorda Therapeutics Inc       |
| Abaxis Inc                           | Activision Blizzard Inc       |
| Abbott Laboratories                  | Actua Corp                    |
| AbbVie Inc                           | Actuant Corp                  |
| Abeona Therapeutics Inc              | Acuity Brands Inc             |
| Abercrombie & Fitch Co               | Acushnet Holdings Corp        |
| Abiomed Inc                          | Acxiom Corp                   |

Adamas Pharmaceuticals Inc  
Adamis Pharmaceuticals Corp  
Adams Resources & Energy Inc  
Addus HomeCare Corp  
Addvantage Technologies Group Inc  
Adesto Technologies Corp  
Adobe Systems Inc  
Adtalem Global Education Inc  
Adtran Inc  
Aduro Biotech Inc  
Advance Auto Parts Inc  
Advanced Disposal Services Inc  
Advanced Drainage Systems Inc  
Advanced Energy Industries Inc  
Advanced Micro Devices Inc  
AdvancePierre Foods Holdings Inc  
AdvanSix Inc  
Advaxis Inc  
Adverum Biotechnologies Inc  
AECOM  
Aegion Corp  
Aeglea BioTherapeutics Inc  
Aehr Test Systems  
Aemetis Inc  
Aerie Pharmaceuticals Inc  
AeroCentury Corp  
Aerohive Networks Inc  
Aerojet Rocketdyne Holdings Inc  
AeroVironment Inc  
AEterna Zentaris Inc  
Aethlon Medical Inc  
Aetna Inc  
Aevi Genomic Medicine Inc  
Affiliated Managers Group Inc  
Aflac Inc  
AG Mortgage Investment Trust Inc  
AG&E Holdings Inc  
AGCO Corp  
Agenus Inc  
Agilent Technologies Inc  
Agilysys Inc  
AGNC Investment Corp  
Agree Realty Corp  
AgroFresh Solutions Inc  
Aim Exploration Inc  
Aimmune Therapeutics Inc  
Air Lease Corp  
Air Products & Chemicals Inc  
Air T Inc  
Air Transport Services Group Inc  
Airborne Wireless Network  
Aircastle Ltd  
Airgain Inc  
AK Steel Holding Corp  
Akamai Technologies Inc  
Akebia Therapeutics Inc  
Akorn Inc  
Akoustis Technologies Inc  
Alamo Group Inc  
Alarm.com Holdings Inc  
Alaska Air Group Inc  
Alaska Communications Systems Group Inc  
Albany International Corp  
Albany Molecular Research Inc

Albemarle Corp  
Albireo Pharma Inc  
Alcentra Capital Corp  
Alcoa Corp  
Alder BioPharmaceuticals Inc  
Aldeyra Therapeutics Inc  
Alexander & Baldwin Inc  
Alexander's Inc  
Alexandria Real Estate Equities Inc  
Alexion Pharmaceuticals Inc  
Algodon Wines & Luxury Development Group  
Inc  
Alico Inc  
Align Technology Inc  
Alimera Sciences Inc  
Alleghany Corp  
Allegheny Technologies Inc  
Allegiance Bancshares Inc  
Allegiant Travel Co  
ALLETE Inc  
Alliance Data Systems Corp  
Alliance Holdings GP LP  
Alliance MMA Inc  
Alliance One International Inc  
Alliance Resource Partners LP  
Alliant Energy Corp  
Allied Healthcare Products Inc  
Allied Motion Technologies Inc  
Alliqua BioMedical Inc  
Allison Transmission Holdings Inc  
Allscripts Healthcare Solutions Inc  
Allstate Corp  
Ally Financial Inc  
Almost Family Inc  
Alnylam Pharmaceuticals Inc  
Alon USA Partners LP  
Alpha Network Alliance Ventures Inc  
Alphabet Inc  
Alphatec Holdings Inc  
Altra Industrial Motion Corp  
Altria Group Inc  
AMAG Pharmaceuticals Inc  
A-Mark Precious Metals Inc  
Amazon.com Inc  
Ambac Financial Group Inc  
Ambarella Inc  
Amber Road Inc  
AMC Entertainment Holdings Inc  
AMC Networks Inc  
Amcon Distributing Co  
Amedisys Inc  
Amerco Inc  
Ameren Corp  
Ameresco Inc  
America First Multifamily Investors LP  
American Airlines Group Inc  
American Assets Trust Inc  
American Axle & Mfg Holdings Inc  
American Campus Communities Inc  
American Eagle Outfitters Inc  
American Education Center Inc  
American Electric Power Co Inc  
American Electric Technologies Inc  
American Equity Investment Life Holding Co

American Express Co  
American Financial Group Inc  
American Homes 4 Rent  
American International Group Inc  
American National Bankshares Inc  
American National Insurance Co  
American Outdoor Brands Corp  
American Public Education Inc  
American Railcar Industries Inc  
American Renal Associates Holdings Inc  
American Resources Corp  
American River Bankshares  
American Shared Hospital Services  
American Software Inc  
American States Water Co  
American Superconductor Corp  
American Tower Corp  
American Vanguard Corp  
American Water Works Co Inc  
American Woodmark Corp  
Americann Inc  
America's Car-Mart Inc  
AmeriGas Partners LP  
Ameriprise Financial Inc  
Ameris Bancorp  
AMERISAFE Inc  
AmeriServ Financial Inc  
AmerisourceBergen Corp  
Ames National Corp  
AMETEK Inc  
Amgen Inc  
Amicus Therapeutics Inc  
Amkor Technology Inc  
AMN Healthcare Services Inc  
Ampco-Pittsburgh Corp  
Amphastar Pharmaceuticals Inc  
Amphenol Corp  
Amplify Energy Corp  
Amplify Snack Brands Inc  
Amrep Corp  
Amtech Systems Inc  
AmTrust Financial Services Inc  
Amyris Inc  
Anadarko Petroleum Corp  
Analog Devices Inc  
Analogic Corp  
AnaptysBio Inc  
Anavex Life Sciences Corp  
Anchor Bancorp  
Andersons Inc  
Angie's List Inc  
AngioDynamics Inc  
ANI Pharmaceuticals Inc  
Anika Therapeutics Inc  
Anixter International Inc  
Annaly Capital Management Inc  
Ansys Inc  
Antares Pharma Inc  
Antero Midstream Partners LP  
Antero Resources Corp  
Anthem Inc  
Anthera Pharmaceuticals Inc  
Anworth Mortgage Asset Corp  
Aoxing Pharmaceutical Co Inc

Apache Corp  
Apartment Investment & Management Co  
Apogee Enterprises Inc  
Apollo Commercial Real Estate Finance Inc  
Apollo Endosurgery Inc  
Apollo Investment Corp  
Apollo Medical Holdings Inc  
AppFolio Inc  
Apple Hospitality REIT Inc  
Apple Inc  
Applied DNA Sciences Inc  
Applied Genetic Technologies Corp  
Applied Industrial Technologies Inc  
Applied Materials Inc  
Applied Micro Circuits Corp  
Applied Optoelectronics Inc  
Approach Resources Inc  
Apricus Biosciences Inc  
APT Systems Inc  
AptarGroup Inc  
Aptevo Therapeutics Inc  
Aqua America Inc  
Aradigm Corp  
Aramark  
Aratana Therapeutics Inc  
Arbor Realty Trust Inc  
ARC Document Solutions Inc  
ARC Group Worldwide Inc  
ARCA biopharma Inc  
Arcadia Biosciences Inc  
ArcBest Corp  
Arch Coal Inc  
Arch Therapeutics Inc  
Archer-Daniels Midland Co  
Archrock Inc  
Archrock Partners LP  
Arctic Cat Inc  
Ardelyx Inc  
Arena Pharmaceuticals Inc  
Ares Capital Corp  
Ares Management LP  
Argan Inc  
Arista Networks Inc  
Ark Restaurants Corp  
Arlington Asset Investment Corp  
Armada Hoffler Properties Inc  
ARMOUR Residential REIT Inc  
Armstrong Flooring Inc  
Armstrong World Industries Inc  
Arotech Corp  
Arqule Inc  
Array BioPharma Inc  
ARRIS International Plc  
Arrow Electronics Inc  
Arrow Financial Corp  
Arrowhead Pharmaceuticals Inc  
Artec Global Media Inc  
Artesian Resources Corp  
Arthur J. Gallagher & Co  
Artisan Partners Asset Management Inc  
Art's-Way Manufacturing Co Inc  
ASB Bancorp Inc  
Asbury Automotive Group Inc  
Ascena Retail Group Inc

Ascent Capital Group Inc  
Ashford Hospitality Prime Inc  
Ashford Hospitality Trust Inc  
Ashford Inc  
Ashland Global Holdings Inc  
Aspen Aerogels Inc  
Aspen Group Inc  
Aspen Technology Inc  
Assembly Biosciences Inc  
Associated Banc-Corp  
Associated Capital Group Inc  
Assurant Inc  
Asta Funding Inc  
Astec Industries Inc  
Asterias Biotherapeutics Inc  
Astronics Corp  
AstroNova Inc  
Astrotech Corp  
Asure Software Inc  
At Home Group Inc  
AT&T Inc  
Atara Biotherapeutics Inc  
athenahealth Inc  
Athersys Inc  
Atkore International Group Inc  
Atlantic American Corp  
Atlantic Capital Bancshares Inc  
Atlantic Coast Financial Corp  
Atlantic Power Corp  
Atlanticus Holdings Corp  
Atlas Air Worldwide Holdings Inc  
Atlas Financial Holdings Inc  
Atlas Technology International Inc  
Atmos Energy Corp  
ATN International Inc  
Atomera Inc  
Atossa Genetics Inc  
AtriCure Inc  
Atrion Corp  
Atwood Oceanics Inc  
Auburn National Bancorp Inc  
Audentes Therapeutics Inc  
Authentidate Holding Corp  
Autobytel Inc  
Autodesk Inc  
Automatic Data Processing Inc  
AutoNation Inc  
AutoZone Inc  
Auxilio Inc  
Avalon Globocare Corp  
AvalonBay Communities Inc  
Avangrid Inc  
AVEO Pharmaceuticals Inc  
Avery Dennison Corp  
AveXis Inc  
Aviat Networks Inc  
Avid Technology Inc  
Avinger Inc  
Aviragen Therapeutics Inc  
Avis Budget Group Inc  
Avista Corp  
Avnet Inc  
Avon Products Inc  
AVX Corp

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|---------------------------------------|----------------------------------|
| Aware Inc                             | BankFinancial Corp               |
| Axalta Coating Systems Ltd            | Bankrate Inc                     |
| Axcelis Technologies Inc              | BankUnited Inc                   |
| AXIM Biotechnologies Inc              | Bankwell Financial Group Inc     |
| AxoGen Inc                            | Banner Corp                      |
| Axon Enterprise Inc                   | Bar Harbor Bankshares Inc        |
| Axsome Therapeutics Inc               | Barnes & Noble Education Inc     |
| AXT Inc                               | Barnes & Noble Inc               |
| AZZ Inc                               | Barnes Group Inc                 |
| B&G Foods Inc                         | Barnwell Industries Inc          |
| Babcock & Wilcox Enterprises Inc      | Barracuda Networks Inc           |
| Badger Meter Inc                      | Barrett Business Services Inc    |
| Baker Hughes Inc                      | Basic Energy Services Inc        |
| Balance Labs Inc                      | Bassett Furniture Industries Inc |
| Balchem Corp                          | Baxter International Inc         |
| Baldwin & Lyons Inc                   | Bay Bancorp Inc                  |
| Ball Corp                             | Bazaarvoice Inc                  |
| Ballantyne Strong Inc                 | BB&T Corp                        |
| Banc of California Inc                | BCB Bancorp Inc                  |
| BancFirst Corp                        | BCI Holding Inc                  |
| Bancorp of New Jersey Inc             | Beacon Roofing Supply Inc        |
| BancorpSouth Inc                      | Bear State Financial Inc         |
| Bang Holdings Corp                    | Beasley Broadcast Group Inc      |
| Bank Mutual Corp                      | Beazer Homes USA Inc             |
| Bank of America Corporation           | bebe stores Inc                  |
| Bank of Commerce Holdings Inc         | Becton, Dickinson and Co         |
| Bank of Hawaii Corp                   | Bed Bath & Beyond Inc            |
| Bank of Marin Bancorp                 | Bel Fuse Inc                     |
| Bank of New York Mellon Corp          | Belden Inc                       |
| Bank of South Carolina Corp           | Bellerophon Therapeutics Inc     |
| Bank of the James Financial Group Inc | Bellicum Pharmaceuticals Inc     |
| Bank of the Ozarks Inc                | Bemis Co Inc                     |

Benchmark Electronics Inc  
Beneficial Bancorp Inc  
Benefitfocus Inc  
Berkshire Hathaway Inc  
Berkshire Hills Bancorp Inc  
Berry Global Group Inc  
Best Buy Co Inc  
BG Staffing Inc  
BGC Partners Inc  
Big 5 Sporting Goods Corp  
Big Lots Inc  
Biglari Holdings Inc  
Bill Barrett Corporation  
Bioanalytical Systems Inc  
Bioblast Pharma Ltd  
Biocept Inc  
Biocryst Pharmaceuticals Inc  
Bio-En Holdings Corp  
Biogen Inc  
BioHiTech Global Inc  
Biolase Inc  
BioLife Solutions Inc  
Biomarin Pharmaceutical Inc  
Biomerica Inc  
Bion Environmental Technologies Inc  
BioPharmX Corp  
Bio-Rad Laboratories Inc  
BioScrip Inc  
BioSpecifics Technologies Corp  
Biostage Inc  
Bio-Techne Corp  
BioTelemetry Inc  
BioTime Inc  
Bioverativ Inc  
BioVie Inc  
Birner Dental Management Services Inc  
BJ's Restaurants Inc  
Black Box Corp  
Black Diamond Inc  
Black Hills Corp  
Black Knight Financial Services Inc  
Black Stone Minerals LP  
Blackbaud Inc  
Blackhawk Network Holdings Inc  
BlackLine Inc  
BlackRock Capital Investment Corp  
BlackRock Inc  
Blackstone Group LP  
Blackstone Mortgage Trust Inc  
Bloomin Brands Inc  
Blow & Drive Interlock Corp  
Blucora Inc  
Blue Bird Corp  
Blue Buffalo Pet Products Inc  
Blue Hills Bancorp Inc  
Blue Line Protection Group Inc  
bluebird bio Inc  
Blueknight Energy Partners LP  
BlueLinx Holdings Inc  
Blueprint Medicines Corp  
BMC Stock Holdings Inc  
Boardwalk Pipeline Partners LP  
Bob Evans Farms Inc  
Boeing Co



Boff Holding Inc  
Boingo Wireless Inc  
Boise Cascade Co  
Bojangles Inc  
BOK Financial Corp  
Bone Biologics Corp  
Bon-Ton Stores Inc  
Boot Barn Holdings Inc  
Booz Allen Hamilton Holding Corp  
BorgWarner Inc  
Boston Beer Co Inc  
Boston Private Financial Holdings Inc  
Boston Properties Inc  
Boston Scientific Corp  
Boston Therapeutics Inc  
Bottomline Technologies Inc  
Bowl America Inc  
Box Inc  
Boyd Gaming Corp  
Brady Corp  
Brandywine Realty Trust  
Bridge Bancorp Inc  
Bridgeline Digital Inc  
Bridgepoint Education Inc  
Briggs & Stratton Corp  
Bright Horizons Family Solutions Inc  
Bright Mountain Media Inc  
Brightcove Inc  
Brinker International Inc  
Bristol-Myers Squibb Co  
Bristow Group Inc  
Brixmor Property Group Inc  
Broadridge Financial Solutions Inc  
BroadSoft Inc  
BroadVision Inc  
Broadway Financial Corp  
Broadwind Energy Inc  
Brocade Communications Systems Inc  
Brookline Bancorp Inc  
Brooks Automation Inc  
Brown & Brown Inc  
Brown-Forman Corp  
Bruker Corp  
Brunswick Corp  
Bryn Mawr Bank Corp  
BSB Bancorp Inc  
BSQUARE Corp  
Buckeye Partners LP  
Buckle Inc  
Build-A-Bear Workshop Inc  
Builders FirstSource Inc  
Bunge Ltd  
Burlington Stores Inc  
BWX Technologies Inc  
C&F Financial Corp  
C.H. Robinson Worldwide Inc  
C.R. Bard Inc  
CA Inc  
Cable One Inc  
Cabot Corp  
Cabot Microelectronics Corp  
Cabot Oil & Gas Corp  
CACI International Inc  
Cadence Design Systems Inc

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|--|--------------------------------|
| Cadiz Inc                              | Capella Education Co           |
| Cadus Corp                             | Capital Bank Financial Corp    |
| Caesars Entertainment Corp             | Capital City Bank Group Inc    |
| CafePress Inc                          | Capital One Financial Corp     |
| CAI International Inc                  | Capital Senior Living Corp     |
| CalAmp Corp                            | Capital Southwest Corp         |
| CalAtlantic Group Inc                  | Capitala Finance Corp          |
| Calavo Growers Inc                     | Capitol Federal Financial Inc  |
| Caleres Inc                            | Capricor Therapeutics Inc      |
| Calgon Carbon Corp                     | CapStar Financial Holdings Inc |
| California First National Bancorp      | Capstead Mortgage Corp         |
| California Resources Corp              | Capstone Turbine Corp          |
| California Water Service Group         | Cara Therapeutics Inc          |
| Calithera Biosciences Inc              | Carbo Ceramics Inc             |
| Calix Inc                              | Carbonite Inc                  |
| Callidus Software Inc                  | CardConnect Corp               |
| Callon Petroleum Co                    | Cardinal Health Inc            |
| Cal-Maine Foods Inc                    | Cardiovascular Systems Inc     |
| Calpine Corp                           | Cardtronics Plc                |
| Calumet Specialty Products Partners LP | Care Capital Properties Inc    |
| Camber Energy Inc                      | Care.com Inc                   |
| Cambium Learning Group Inc             | CareDx Inc                     |
| Cambrex Corp                           | Career Education Corp          |
| Camden National Corp                   | CareTrust REIT Inc             |
| Camden Property Trust                  | Carlisle Companies Inc         |
| Campbell Soup Co                       | CarMax Inc                     |
| Camping World Holdings Inc             | Carolco Pictures Inc           |
| Cancer Genetics Inc                    | Carolina Financial Corp        |
| Cannabis Sativa Inc                    | Carolina Trust BancShares Inc  |
| Cantabio Pharmaceuticals Inc           | Carpenter Technology Corp      |
| Cantel Medical Corp                    | Carriage Services Inc          |
| Canterbury Park Holding Corp           | Carrizo Oil & Gas Inc          |

Carrols Restaurant Group Inc  
Carter's Inc  
Carver Bancorp Inc  
CAS Medical Systems Inc  
Cascadian Therapeutics Inc  
Casella Waste Systems Inc  
Casey's General Stores Inc  
CASI Pharmaceuticals Inc  
Cass Information Systems Inc  
Castle Brands Inc  
Castlight Health Inc  
Catabasis Pharmaceuticals Inc  
Catalent Inc  
Catalyst Biosciences Inc  
Catalyst Pharmaceuticals Inc  
Catasys Inc  
CatchMark Timber Trust Inc  
Caterpillar Inc  
Cathay General Bancorp  
Cato Corp  
Cavco Industries Inc  
Cavium Inc  
CB Financial Services Inc  
CBIZ Inc  
CBL & Associates Properties Inc  
CBOE Holdings Inc  
CBRE Group Inc  
CBS Corp  
CCA Industries Inc  
CDK Global Inc  
CECO Environmental Corp  
Cedar Fair LP  
Cedar Realty Trust Inc  
Celadon Group Inc  
Celanese Corp  
Celgene Corp  
Celldex Therapeutics Inc  
Collectar Biosciences Inc  
Cellular Biomedicine Group Inc  
CEL-SCI Corp  
Celsion Corp  
Cemtrex Inc  
Centene Corp  
Centennial Resource Development Inc  
CenterPoint Energy Inc  
Centerstate Banks Inc  
Central Federal Bancshares Inc  
Central Federal Corp  
Central Garden & Pet Co  
Central Pacific Financial Corp  
Central Valley Community Bancorp  
Centrus Energy Corp  
Century Aluminum Co  
Century Bancorp Inc  
Century Casinos Inc  
Century Communities Inc  
CenturyLink Inc  
Cenveo Inc  
Cerebain Biotech Corp  
Cerecor Inc  
Cerner Corp  
Cerus Corp  
CES Synergies Inc  
Cesca Therapeutics Inc

CEVA Inc  
CF Industries Holdings Inc  
Champions Oncology Inc  
ChannelAdvisor Corp  
Chanticleer Holdings Inc  
Charles & Colvard Ltd  
Charles River Laboratories International Inc  
Charles Schwab Corp  
Chart Industries Inc  
Charter Communications Inc  
Charter Financial Corp  
Chase Corp  
Chatham Lodging Trust  
Cheesecake Factory Inc  
Chembio Diagnostics Inc  
Chemed Corp  
Chemical Financial Corp  
ChemoCentryx Inc  
Chemung Financial Corp  
Cheniere Energy Inc  
Cheniere Energy Partners LP  
Cheniere Energy Partners LP Holdings LLC  
Cherokee Inc  
Cherry Hill Mortgage Investment Corp  
Chesapeake Energy Corp  
Chesapeake Lodging Trust  
Chesapeake Utilities Corp  
Chevron Corp  
CHF Solutions Inc  
Chiasma Inc  
Chicago Rivet & Machine Co  
Chico's FAS Inc  
Children's Place Inc  
Chimera Investment Corp  
Chimerix Inc  
Chineseinvestors.com Inc  
Chipotle Mexican Grill Inc  
Choice Hotels International Inc  
Christopher & Banks Corp  
ChromaDex Corp  
Church & Dwight Co Inc  
Churchill Downs Inc  
Cidara Therapeutics Inc  
Ciena Corp  
Cigna Corp  
CIM Commercial Trust Corp  
Cimarex Energy Co  
Cincinnati Bancorp  
Cincinnati Bell Inc  
Cincinnati Financial Corp  
Cinedigm Corp  
Cinemark Holdings Inc  
Ciner Resources LP  
Cintas Corp  
Circor International Inc  
Cirrus Logic Inc  
Cisco Systems Inc  
CIT Group Inc  
Citi Trends Inc  
Citigroup Inc  
Citizens & Northern Corp  
Citizens Community Bancorp Inc  
Citizens Financial Group Inc  
Citizens Financial Services Inc

Citizens First Corp  
Citizens Holding Co  
Citizens Inc  
Citrix Systems Inc  
City Holding Co  
Civeo Corp  
Civista Bancshares Inc  
Civitas Solutions Inc  
CKX Lands Inc  
Clean Diesel Technologies Inc  
Clean Energy Fuels Corp  
Clean Harbors Inc  
Clear Channel Outdoor Holdings Inc  
Clearfield Inc  
ClearOne Inc  
Clearside Biomedical Inc  
Clearwater Paper Corp  
Cleveland BioLabs Inc  
Cliffs Natural Resources Inc  
Clifton Bancorp Inc  
Clipper Realty Inc  
Clorox Co  
Cloud Peak Energy Inc  
Clovis Oncology Inc  
CLS Holdings USA Inc  
ClubCorp Holdings Inc  
CM Finance Inc  
CME Group Inc  
CMS Energy Corp  
CNA Financial Corp  
CNB Financial Corp  
CNO Financial Group Inc  
CNX Coal Resources LP  
Coach Inc  
Coastway Bancorp Inc  
Cobalt International Energy Inc  
CoBiz Financial Inc  
Coca-Cola Bottling Co Consolidated  
Coca-Cola Co  
Codexis Inc  
Codus Valley Bancorp Inc  
Coeur Mining Inc  
Coffee Holding Co Inc  
Cogent Communications Holdings Inc  
Cogentix Medical Inc  
Cogint Inc  
Cognex Corp  
Cognizant Technology Solutions Corp  
Cohen & Steers Inc  
Coherent Inc  
Coherus BioSciences Inc  
Cohu Inc  
Colfax Corp  
Colgate-Palmolive Co  
Collectors Universe Inc  
Collegium Pharmaceutical Inc  
Colony Bankcorp Inc  
Colony Starwood Homes  
Columbia Banking System Inc  
Columbia Property Trust Inc  
Columbia Sportswear Co  
Columbus McKinnon Corp  
CombiMatrix Corp  
Comcast Corp

Comerica Inc  
Comfort Systems USA Inc  
Command Security Corp  
Commerce Bancshares Inc  
Commerce Union Bancshares Inc  
CommerceHub Inc  
Commercial Metals Co  
Commercial Vehicle Group Inc  
CommScope Holding Co Inc  
Communications Systems Inc  
Community Bank (Pasadena CA)  
Community Bankers Trust Corp  
Community Health Systems Inc  
Community Healthcare Trust Inc  
Community Savings Bancorp Inc  
Community Trust Bancorp Inc  
Community West Bancshares  
CommVault Systems Inc  
Compass Minerals International Inc  
Computer Programs and Systems Inc  
Computer Sciences Corp  
Computer Task Group Inc  
Compx International Inc  
Comstock Holding Co Inc  
Comstock Mining Inc  
Comstock Resources Inc  
Comtech Telecommunications Corp  
Conagra Brands Inc  
Conatus Pharmaceuticals Inc  
Concert Pharmaceuticals Inc  
Concho Resources Inc  
Concurrent Computer Corp  
Conduent Inc  
CONE Midstream Partners LP  
ConforMIS Inc  
Conifer Holdings Inc  
Conmed Corp  
Connecticut Water Service Inc  
ConnectOne Bancorp Inc  
Connecture Inc  
Conn's Inc  
ConocoPhillips  
Consol Energy Inc  
Consolidated Communications Holdings Inc  
Consolidated Edison Inc  
Constellation Brands Inc  
Consumer Portfolio Services Inc  
Contango Oil & Gas Co  
Continental Building Products Inc  
Continental Materials Corp  
Continental Resources Inc  
ContraFect Corp  
ContraVir Pharmaceuticals Inc  
Control4 Corp  
Convergys Corp  
Cooper Tire & Rubber Co  
Cooper-Standard Holdings Inc  
Copart Inc  
Corbus Pharmaceuticals Holdings Inc  
Corcept Therapeutics Inc  
Core Molding Technologies Inc  
CoreCivic Inc  
CoreLogic Inc  
Core-Mark Holding Co Inc

CorEnergy Infrastructure Trust Inc

CoreSite Realty Corp

Corindus Vascular Robotics Inc

Corium International Inc

Cormedix Inc

Corning Inc

Corporate Office Properties Trust

CorVel Corp

Corvus Pharmaceuticals Inc

CoStar Group Inc

Costco Wholesale Corp

Cotiviti Holdings Inc

Coty Inc

County Bancorp Inc

Coupa Software Inc

Cousins Properties Inc

Covanta Holding Corp

Covenant Transportation Group Inc

Covisint Corp

Cowen Inc

CPI Aerostructures Inc

CPI Card Group Inc

CPS Technologies Corp

CRA International Inc

Cracker Barrel Old Country Store Inc

Craft Brew Alliance Inc

Crane Co

Crawford & Co

Cray Inc

Creative Learning Corp

Credit Acceptance Corp

Cree Inc

Crocs Inc

Cross Country Healthcare Inc

CrossAmerica Partners LP

Crossroads Capital Inc

Crown Castle International Corp

Crown Crafts Inc

Crown Holdings Inc

Cryolife Inc

CryoPort Inc

Crystal Rock Holdings Inc

CSB Bancorp Inc

CSG Systems International Inc

CSI Compressco LP

CSP Inc

CSRA Inc

CSW Industrials Inc

CSX Corp

CTI BioPharma Corp

CTI Industries Corp

CTS Corp

CubeSmart

Cubic Corp

Cullen/Frost Bankers Inc

Culp Inc

Cummins Inc

Cumulus Media Inc

Curis Inc

Curtiss-Wright Corp

Customers Bancorp Inc

Cutera Inc

CV Sciences Inc

CVB Financial Corp

CVR Energy Inc  
CVR Partners LP  
CVR Refining LP  
CVS Health Corp  
Cyanotech Corp  
Cyberfort Software Inc  
CyberOptics Corp  
Cyclacel Pharmaceuticals Inc  
CymaBay Therapeutics Inc  
CYS Investments Inc  
Cytokinetics Inc  
CytomX Therapeutics Inc  
Cytori Therapeutics Inc  
Cytosorbents Corp  
CytRx Corp  
D.R. Horton Inc  
Daily Journal Corp  
Daktronics Inc  
Dala Petroleum Corp  
Dana Inc  
Danaher Corp  
Darden Restaurants Inc  
Darling Ingredients Inc  
Data I/O Corp  
Datawatch Corp  
Dave & Buster's Entertainment Inc  
DaVita Inc  
Dawson Geophysical Co  
DCP Midstream LP  
DCT Industrial Trust Inc  
DDR Corp  
Dean Foods Co  
Deckers Outdoor Corp  
Deere & Co  
Del Frisco's Restaurant Group Inc  
Del Taco Restaurants Inc  
Delcath Systems Inc  
Delek US Holdings Inc  
Dell-VMWare Tracking Stock  
Delta Air Lines Inc  
Delta Apparel Inc  
Delta Natural Gas Co Inc  
Deltic Timber Corp  
Denbury Resources Inc  
Denny's Corp  
Dentsply Sirona Inc  
Dermira Inc  
Destination Maternity Corp  
Destination XL Group Inc  
Determine Inc  
Devon Energy Corp  
DexCom Inc  
Dextera Surgical Inc  
DHI Group Inc  
Diamond Hill Investment Group Inc  
Diamond Offshore Drilling Inc  
Diamondback Energy Inc  
Diamondhead Casino Corp  
Diamondrock Hospitality Co  
Dicerna Pharmaceuticals Inc  
Dick's Sporting Goods Inc  
Diebold Nixdorf Inc  
Diego Pellicer Worldwide Inc  
Diffusion Pharmaceuticals Inc



Digi International Inc  
Digimarc Corp  
Digirad Corp  
Digital Ally Inc  
Digital Realty Trust Inc  
Digital Turbine Inc  
DigitalGlobe Inc  
DigitalTown Inc  
Dillard's Inc  
Dime Community Bancshares Inc  
Dimension Therapeutics Inc  
DineEquity Inc  
Diodes Inc  
Diplomat Pharmacy Inc  
Discover Financial Services  
Discovery Communications Inc  
DISH Network Corp  
Diversicare Healthcare Services Inc  
Diversified Restaurant Holdings Inc  
DLH Holdings Corp  
DMC Global Inc  
DNB Financial Corp  
Dolby Laboratories Inc  
Dollar General Corp  
Dollar Tree Inc  
Dominion Energy Inc  
Dominion Energy Midstream Partners LP  
Donaldson Co Inc  
Donegal Group Inc  
Donnelley Financial Solutions Inc  
Dorchester Minerals LP  
Dorian LPG Ltd  
Dorman Products Inc  
Douglas Dynamics Inc  
Douglas Emmett Inc  
Dover Corp  
Dover Downs Gaming & Entertainment Inc  
Dover Motorsports Inc  
Dow Chemical Co  
Dr Pepper Snapple Group Inc  
Dril-Quip Inc  
Drive Shack Inc  
DS Healthcare Group Inc  
DSP Group Inc  
DST Systems Inc  
DSW Inc  
DTE Energy Co  
Dthera Sciences  
Ducommun Inc  
Duke Energy Corp  
Duke Realty Corp  
Duluth Holdings Inc  
Dun & Bradstreet Corp  
Dunkin' Brands Group Inc  
Dupont Fabros Technology Inc  
Durect Corp  
DXC Technology Co  
DXP Enterprises Inc  
Dycom Industries Inc  
Dynasil Corp of America  
Dynatronics Corp  
Dynavax Technologies Corp  
Dynegy Inc  
Dynex Capital Inc

E\*TRADE Financial Corp  
E.I. du Pont de Nemours & Co  
e.l.f. Beauty Inc  
Eagle Bancorp Inc  
Eagle Bancorp Montana Inc  
Eagle Materials Inc  
Eagle Pharmaceuticals Inc  
East West Bancorp Inc  
Easterly Government Properties Inc  
EastGroup Properties Inc  
Eastman Chemical Co  
Eastman Kodak Co  
Eaton Vance Corp  
eBay Inc  
Ebix Inc  
eBullion Inc  
Echelon Corp  
Echo Global Logistics Inc  
EchoStar Corp  
Eclipse Resources Corp  
Ecoark Holdings Inc  
Ecolab Inc  
Eco-Stim Energy Solutions Inc  
Edge Therapeutics Inc  
Edgewater Technology Inc  
Edgewell Personal Care Co  
Edison International  
Editas Medicine Inc  
Education Realty Trust Inc  
Educational Development Corp  
Edwards Lifesciences Corp  
eGain Corp

Egalet Corp  
eHealth Inc  
Eiger BioPharmaceuticals Inc  
Ekso Bionics Holdings Inc  
El Capitan Precious Metals Inc  
El Paso Electric Co  
El Pollo Loco Holdings Inc  
Eldorado Resorts Inc  
Electro Scientific Industries Inc  
Electromed Inc  
Electronic Arts Inc  
Electronics for Imaging Inc  
Electro-Sensors Inc  
Eleven Biotherapeutics Inc  
Eli Lilly and Co  
Elite Group Inc  
Elite Pharmaceuticals Inc  
Ellie Mae Inc  
Ellington Residential Mortgage REIT  
eMagin Corp  
EMC Insurance Group Inc  
Emclaire Financial Corp  
EMCOR Group Inc  
EMCORE Corp  
Emerge Energy Services LP  
Emergent BioSolutions Inc  
Emerson Electric Co  
Emerson Radio Corp  
Emisphere Technologies Inc  
Emmis Communications Corp  
Empire State Realty Trust Inc  
Employers Holdings Inc

|  |                                    |
|--|------------------------------------|
| Enable Midstream Partners LP               | Enterprise Bancorp Inc             |
| Enanta Pharmaceuticals Inc                 | Enterprise Financial Services Corp |
| Enbridge Energy Partners LP                | Enterprise Products Partners LP    |
| Encore Capital Group Inc                   | Entravision Communications Corp    |
| Encore Wire Corp                           | Investnet Inc                      |
| Endocyte Inc                               | EnviroStar Inc                     |
| Endologix Inc                              | Envision Healthcare Corp           |
| Endurance International Group Holdings Inc | Enviva Partners LP                 |
| Energen Corp                               | Enzo Biochem Inc                   |
| Energizer Holdings Inc                     | Enzon Pharmaceuticals Inc          |
| Energous Corp                              | Enzyme Bio Systems                 |
| Energy Focus Inc                           | EOG Resources Inc                  |
| Energy Recovery Inc                        | EP Energy Corp                     |
| Energy Transfer Equity LP                  | EPAM Systems Inc                   |
| Energy Transfer Partners LP                | Epizyme Inc                        |
| EnerSys                                    | ePlus Inc                          |
| Engility Holdings Inc                      | EPR Properties                     |
| ENGlobal Corp                              | EQT Corp                           |
| EnLink Midstream LLC                       | EQT GP Holdings LP                 |
| EnLink Midstream Partners LP               | EQT Midstream Partners LP          |
| Ennis Inc                                  | Equifax Inc                        |
| Enova International Inc                    | Equinix Inc                        |
| Enphase Energy Inc                         | Equitable Financial Corp           |
| EnPro Industries Inc                       | Equity Bancshares Inc              |
| Enservco Corp                              | Equity Commonwealth                |
| Ensign Group Inc                           | Equity Lifestyle Properties Inc    |
| EnSync Inc                                 | Equity Residential                 |
| Entegra Financial Corp                     | Equus Total Return Inc             |
| Entegris Inc                               | Era Group Inc                      |
| Entellus Medical Inc                       | Erin Energy Corp                   |
| Entergy Corp                               | Eros International Plc             |
| EnteroMedics Inc                           | Escalade Inc                       |

Escalon Medical Corp  
ESCO Technologies Inc  
Esperion Therapeutics Inc  
Espey Manufacturing & Electronics Corp  
ESSA Bancorp Inc  
Essendant Inc  
Essex Property Trust Inc  
Esterline Technologies Corp  
Ethan Allen Interiors Inc  
Etsy Inc  
Euronet Worldwide Inc  
EV Energy Partners LP  
Evans Bancorp Inc  
Evans Brewing Co Inc  
Everbridge Inc  
Evercore Partners Inc  
Everi Holdings Inc  
Eversource Energy  
Everspin Technologies Inc  
EVINE Live Inc  
Evoke Pharma Inc  
Evolent Health Inc  
Evolution Petroleum Corp  
Evolving Systems Inc  
E-World USA Holding Inc  
Exa Corp  
Exact Sciences Corp  
Exactech Inc  
Exar Corp  
EXCO Resources Inc  
Exelixis Inc  
Exelon Corp  
ExlService Holdings Inc  
Expedia Inc  
Expeditors International of Washington Inc  
Exponent Inc  
Express Scripts Holding Co  
Express, Inc.  
Exterran Corp  
Extra Space Storage Inc  
Extraction Oil & Gas Inc  
Extreme Networks Inc  
Exxon Mobil Corp  
Eyegate Pharmaceuticals Inc  
EZCORP Inc  
F N B Corp  
F5 Networks Inc  
Facebook Inc  
FactSet Research Systems Inc  
Fair Isaac Corp  
Fairmount Santrol Holdings Inc  
Fairwind Energy Inc  
FalconStor Software Inc  
Famous Dave's of America Inc  
Fannie Mae  
Farmer Bros Co  
Farmers & Merchants Bancorp Inc  
Farmers Capital Bank Corp  
Farmland Partners Inc  
Faro Technologies Inc  
Fastenal Co  
Fate Therapeutics Inc  
Fauquier Bankshares Inc  
FB Financial Corp

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|--|-------------------------------------|
| FBL Financial Group Inc                    | First Commonwealth Financial Corp   |
| FCB Financial Holdings Inc                 | First Community Bancshares Inc      |
| Federal Agricultural Mortgage Corp         | First Community Corp                |
| Federal Home Loan Mortgage Corp            | First Connecticut Bancorp Inc       |
| Federal Realty Investment Trust            | First Data Corp                     |
| Federal Signal Corp                        | First Defiance Financial Corp       |
| Federated National Holding Co              | First Financial Bancorp             |
| FedEx Corp                                 | First Financial Bankshares Inc      |
| Ferro Corp                                 | First Financial Corp                |
| Fibrocell Science Inc                      | First Financial Northwest Inc       |
| FibroGen Inc                               | First Guaranty Bancshares Inc       |
| Fidelity National Financial Inc            | First Hawaiian Inc                  |
| Fidelity National Information Services Inc | First Horizon National Corp         |
| Fidelity Southern Corp                     | First Industrial Realty Trust Inc   |
| Fidus Investment Corp                      | First Internet Bancorp              |
| Fifth Street Asset Management Inc          | First Keystone Corp                 |
| Fifth Street Finance Corp                  | First Merchants Corp                |
| Fifth Street Senior Floating Rate Corp     | First Mid-Illinois Bancshares Inc   |
| Fifth Third Bancorp                        | First Midwest Bancorp Inc           |
| Financial Engines Inc                      | First Northwest Bancorp             |
| Financial Institutions Inc                 | First of Long Island Corp           |
| Finisar Corp                               | First Potomac Realty Trust          |
| Finish Line Inc                            | First Savings Financial Group Inc   |
| Finjan Holdings Inc                        | First Solar Inc                     |
| First Acceptance Corp                      | First South Bancorp Inc.            |
| First American Financial Corp              | First United Corp                   |
| First Bancorp Inc                          | First US Bancshares Inc             |
| First Bancshares Inc                       | FirstCash Inc                       |
| First Busey Corp                           | FirstEnergy Corp                    |
| First Business Financial Services Inc      | Firsthand Technology Value Fund Inc |
| First Capital Inc                          | Fiserv Inc                          |
| First Citizens BancShares Inc (DE)         | Fitbit Inc                          |

Five Below Inc  
Five Prime Therapeutics Inc  
Five Star Senior Living Inc  
Five9 Inc  
Flagstar Bancorp Inc  
Flanigan'S Enterprises Inc  
Fleetcor Technologies Inc  
Flex Pharma Inc  
Flexion Therapeutics Inc  
Flexpoint Sensor Systems Inc  
FlexShopper Inc  
Flexsteel Industries Inc  
FLIR Systems Inc  
Flitways Technology Inc  
Flotek Industries Inc  
Flowers Foods Inc  
Flowserve Corp  
Fluor Corp  
Flurida Group Inc  
Flushing Financial Corp  
FMC Corp  
FNB Bancorp  
Focus Universal Inc  
Fogo de Chao Inc  
Fonar Corp  
Foot Locker Inc  
Ford Motor Co  
Foresight Energy LP  
Forestar Group Inc  
ForeverGreen Worldwide Corp  
FormFactor Inc  
Forrester Research Inc  
Forterra Inc  
Fortinet Inc  
Fortive Corp  
Fortress Biotech Inc  
Fortress Transportation and Infrastructure  
Investo  
Fortune Brands Home & Security Inc  
Forum Energy Technologies Inc  
Forward Air Corp  
Forward Industries Inc  
Fossil Group Inc  
Foundation Medicine Inc  
Four Corners Property Trust Inc  
Fox Factory Holding Corp  
Francescas Holdings Corp  
Franklin Covey Co  
Franklin Electric Co Inc  
Franklin Financial Network Inc  
Franklin Resources Inc  
Franklin Street Properties Corp  
Fred's Inc  
Freeport-McMoRan Inc  
FreightCar America Inc  
Frequency Electronics Inc  
Friedman Industries Inc  
Frontera Group Inc  
Frontier Communications Corp  
FRP Holdings Inc  
FS Bancorp Inc  
FS Investment Corp  
FSB Bancorp Inc  
FTD Companies Inc

FTI Consulting Inc  
Fuel Tech Inc  
FuelCell Energy Inc  
Fulgent Genetics Inc  
Full House Resorts Inc  
Fulton Financial Corp  
Fuse Enterprises Inc  
Gabelli Global Utility & Income Trust  
Gaia Inc  
GAIN Capital Holdings Inc  
Galena Biopharma Inc  
Galenfeha Inc  
GAMCO Global Gold Natural Resources &  
Income Trust  
GAMCO Investors Inc  
GameStop Corp  
Gaming and Leisure Properties Inc  
Gaming Partners International Corp  
Gannett Co Inc  
Gap Inc  
Gardner Denver Holdings Inc  
Garrison Capital Inc  
Gartner Inc  
Gastar Exploration Inc  
GATX Corp  
GCP Applied Technologies Inc  
Gemphire Therapeutics Inc  
Genco Shipping & Trading Ltd  
Gencor Industries Inc  
Gener8 Maritime Inc  
Generac Holdings Inc  
General Cable Corp  
General Communication Inc  
General Dynamics Corp  
General Electric Co  
General Finance Corp  
General Mills Inc  
General Moly Inc  
Generation Next Franchise Brands Inc  
Genesco Inc  
Genesee & Wyoming Inc  
Genesis Energy LP  
Genesis Healthcare Inc  
Genie Energy Ltd  
GenMark Diagnostics Inc  
Genocea Biosciences Inc  
Genomic Health Inc  
Gentex Corp  
Gentherm Inc  
Genuine Parts Co  
Geo Point Resources Inc  
Geospace Technologies Corp  
German American Bancorp  
Geron Corp  
Getty Realty Corp  
Gevo Inc  
GGP Inc  
Gibraltar Industries Inc  
Gigamon Inc  
Giga-tronics Inc  
GigPeak Inc  
G-III Apparel Group Ltd  
Gilead Sciences Inc  
Glacier Bancorp Inc

Gladstone Capital Corp  
Gladstone Commercial Corp  
Gladstone Investment Corp  
Gladstone Land Corp  
Glaukos Corp  
Glen Burnie Bancorp  
Global Blood Therapeutics Inc  
Global Boatworks Holdings Inc  
Global Brass and Copper Holdings Inc  
Global Brokerage Inc  
Global Medical REIT Inc  
Global Net Lease Inc  
Global Partners LP  
Global Payments Inc  
Global Tech Industries Group Inc  
Global Water Resources Inc  
GlobalSCAPE Inc  
Globalstar Inc  
Globus Medical Inc  
Glowpoint Inc  
Glu Mobile Inc  
GlycoMimetics Inc  
GMS Inc  
GNC Holdings Inc  
GoDaddy Inc  
Gogo Inc  
Gold Resource Corp  
Golden Entertainment Inc  
Golden Minerals Co  
Goldfield Corp  
Goldman Sachs BDC Inc  
Goldman Sachs Group Inc

Golub Capital BDC Inc  
Good Times Restaurants Inc  
Goodrich Petroleum Corp  
Goodyear Tire & Rubber Co  
Gopher Protocol Inc  
GoPro Inc  
Gordman's Stores Inc  
Gorman-Rupp Co  
Government Properties Income Trust  
GP Strategies Corp  
Graco Inc  
Graham Corp  
Graham Holdings Co  
Gramercy Property Trust  
Grand Canyon Education Inc  
Granite Construction Inc  
Graphic Packaging Holding Co  
Gray Television Inc  
Great Ajax Corp  
Great Elm Capital Group Inc  
Great Lakes Dredge & Dock Corp  
Great Plains Energy Inc  
Great Southern Bancorp Inc  
Great Western Bancorp Inc  
Green Bancorp Inc  
Green Brick Partners Inc  
Green Dot Corp  
Green Plains Inc  
Green Plains Partners LP  
Greenbrier Companies Inc  
Greene County Bancorp Inc  
Greenwood Hall Inc



Greif Inc  
Grey Cloak Tech Inc  
Griffin Industrial Realty Inc  
Griffon Corp  
GroGenesis Inc  
Group 1 Automotive Inc  
Groupon Inc  
GrubHub Inc  
GSE Systems Inc  
GSI Technology Inc  
GSV Capital Corp  
GTT Communications Inc  
GTx Inc  
Guaranty Bancorp  
Guaranty Federal Bancshares Inc  
Guess? Inc  
Guidance Software Inc  
Guidewire Software Inc  
Gulf Island Fabrication Inc  
Gulfport Energy Corp  
GWG Holdings Inc  
Gyrodyne LLC  
H&E Equipment Services Inc  
H&R Block Inc  
H.B. Fuller Co  
Haemonetics Corp  
Halcon Resources Corp  
Hallador Energy Co  
Halliburton Co  
Hallmark Financial Services Inc  
Halozyme Therapeutics Inc  
Halyard Health Inc  
Hamilton Bancorp Inc  
Hamilton Lane Inc  
Hammer Fiber Optics Holdings Corp  
Hancock Holding Co  
Handy & Harman Ltd  
Hanesbrands Inc  
Hanmi Financial Corp  
Hannon Armstrong Sustainable Infrastructure  
Capita  
Hardinge Inc  
Harley-Davidson Inc  
Harman International Industries Inc  
Harmonic Inc  
Harris Corp  
Harsco Corp  
Harvard Bioscience Inc  
Hasbro Inc  
Haverty Furniture Companies Inc  
Hawaiian Electric Industries Inc  
Hawaiian Holdings Inc  
Hawaiian Telcom Holdco Inc  
Hawkins Inc  
Hawthorn Bancshares Inc  
Haynes International Inc  
HC2 Holdings Inc  
HCA Healthcare Inc  
HCI Group Inc  
HCP Inc  
HD Supply Holdings Inc  
Health Insurance Innovations Inc  
Healthcare Realty Trust Inc  
Healthcare Services Group Inc

Healthcare Trust of America Inc  
HealthEquity Inc  
Healthsouth Corp  
HealthStream Inc  
Heartland Express Inc  
Heartland Financial USA Inc  
Heat Biologics Inc  
Hecla Mining Co  
Heico Corp  
Heidrick & Struggles International Inc  
Helios and Matheson Analytics Inc  
Helix Energy Solutions Group Inc  
Helmerich & Payne Inc  
Hemisphere Media Group Inc  
Hennessy Advisors Inc  
Henry Schein Inc  
Her Imports  
Herc Holdings Inc  
Heritage Commerce Corp  
Heritage-Crystal Clean Inc  
Herman Miller Inc  
Heron Therapeutics Inc  
Hersha Hospitality Trust  
Hertz Global Holdings Inc  
Heska Corp  
Hess Corp  
Hewlett Packard Enterprise Co  
Hexcel Corp  
HFF Inc  
hhgregg Inc  
Hibbett Sports Inc  
Hi-Crush Partners LP  
Highwoods Properties Inc  
Hill International Inc  
Hillenbrand Inc  
Hill-Rom Holdings Inc  
Hilltop Holdings Inc  
Hilton Grand Vacations Inc  
Hilton Worldwide Holdings Inc  
Hispanica International Delights of America Inc  
Histogenics Corp  
HMN Financial Inc  
HNI Corp  
Holly Energy Partners LP  
HollyFrontier Corp  
Hologic Inc  
Home Bancorp Inc  
Home BancShares Inc  
Home Federal Bancorp Inc of Louisiana  
Home Treasure Finders Inc  
HomeTrust Bancshares Inc  
Honeywell International Inc  
Hooker Furniture Corp  
HopFed Bancorp Inc  
Horace Mann Educators Corp  
Horizon Bancorp (IN)  
Horizon Global Corp  
Horizon Technology Finance Corp  
Hormel Foods Corp  
Hornbeck Offshore Services Inc  
Hortonworks Inc  
Hospitality Properties Trust  
Host Hotels & Resorts Inc  
Hostess Brands Inc

|                                    |                                 |
|------------------------------------|---------------------------------|
| Houghton Mifflin Harcourt Co       | Idacorp Inc                     |
| Houlihan Lokey Inc                 | IDDriven Inc                    |
| Houston American Energy Corp       | Ideal Power Inc                 |
| Houston Wire & Cable Co            | Identiv Inc                     |
| Hovnanian Enterprises Inc          | Idera Pharmaceuticals Inc       |
| Howard Bancorp Inc                 | IDEX Corp                       |
| HP Inc                             | IDEXX Laboratories Inc          |
| HSN Inc                            | IDT Corp                        |
| Hub Group Inc                      | IEC Electronics Corp            |
| Hubbell Inc                        | IES Holdings Inc                |
| Hubilu Venture Corp                | IF Bancorp Inc                  |
| Hudson Global Inc                  | Ignyta Inc                      |
| Hudson Technologies Inc            | IHO-Agro International Inc      |
| Humana Inc                         | II-VI Inc                       |
| Huntington Bancshares Inc          | Ikonics Corp                    |
| Huntington Ingalls Industries Inc  | ILG Inc                         |
| Huntsman Corp                      | Illinois Tool Works Inc         |
| Hurco Companies Inc                | Illumina Inc                    |
| Huron Consulting Group Inc         | Image Sensing Systems Inc       |
| Huttig Building Products Inc       | Image Biotherapeutics Corp      |
| HV Bancorp Inc                     | Immersion Corp                  |
| Hyatt Hotels Corp                  | ImmuCell Corp                   |
| HyperDynamics Corp                 | Immune Design Corp              |
| Hyster-Yale Materials Handling Inc | ImmunoCellular Therapeutics Ltd |
| I.D. Systems Inc                   | Immunogen Inc                   |
| IAC/InterActiveCorp                | Immunomedics Inc                |
| IBERIABANK Corp                    | Impac Mortgage Holdings Inc     |
| iBio Inc                           | Impax Laboratories Inc          |
| ICC Holdings Inc                   | Imperva Inc                     |
| ICF International Inc              | Impinj Inc                      |
| Ichor Holdings Ltd                 | Imprimis Pharmaceuticals Inc    |
| ICU Medical Inc                    | INC Research Holdings Inc       |

Inception Mining Inc  
Incyte Corp  
Independence Contract Drilling Inc  
Independence Realty Trust Inc  
Independent Bank Corp  
Independent Bank Corp (Ionia MI)  
Independent Bank Group Inc  
Indoor Harvest Corp  
Infinera Corp  
Infinity Pharmaceuticals Inc  
Information Services Group Inc  
InfraREIT Inc  
InfuSystems Holdings Inc  
Ingevity Corp  
Ingles Markets Inc  
Ingredion Inc  
InnerWorkings Inc  
Innodata Inc  
Innophos Holdings Inc  
Innospec Inc  
Innovative Industrial Properties Inc  
Innovative Solutions and Support Inc  
Innovus Pharmaceuticals Inc  
InnSuites Hospitality Trust  
Inotek Pharmaceuticals Corp  
Inovalon Holdings Inc  
Inovio Pharmaceuticals Inc  
Inphi Corp  
Inseego Corp  
Insight Enterprises Inc  
Insignia Systems Inc  
Insmed Inc  
Insperity Inc  
InspireMD Inc  
Installed Building Products Inc  
Insteel Industries Inc  
Institutional Financial Markets Inc  
Instructure Inc  
Insulet Corp  
Insynergy Products Inc  
Insys Therapeutics Inc  
Integer Holdings Corp  
Integra Lifesciences Holdings Corp  
Integrated Device Technology Inc  
Intel Corp  
Intellia Therapeutics Inc  
Intellicheck Inc  
Intelligent Systems Corp  
Intellinetics Inc  
Inter Parfums Inc  
Interactive Brokers Group Inc  
Intercept Pharmaceuticals Inc  
Intercontinental Exchange Inc  
InterDigital Inc  
Interface Inc  
Interlink Electronics Inc  
Intermolecular Inc  
Internap Corp  
International Bancshares Corp  
International Business Machines Corp  
International Flavors & Fragrances Inc  
International Isotopes Inc  
International Paper Co  
International Seaways Inc

Intersect ENT Inc  
Intersections Inc  
Interups Inc  
inTest Corp  
Intevac Inc  
INTL FCStone Inc  
Intra-Cellular Therapies Inc  
Intrawest Resorts Holdings Inc  
Intrepid Potash Inc  
Intrexon Corp  
IntriCon Corp  
Intuit Inc  
Intuitive Surgical Inc  
Inuvo Inc  
Invacare Corp  
InvenSense Inc  
Inventure Foods Inc  
Invesco Ltd  
Invesco Mortgage Capital Inc  
Investar Holding Corp  
Investment Technology Group Inc  
Investors Bancorp Inc  
Investors Real Estate Trust  
Investors Title Co  
Invitae Corp  
Invitation Homes Inc  
InVivo Therapeutics Holdings Corp  
Iofina Plc  
ION Geophysical Corp  
Ionis Pharmaceuticals Inc  
Ionix Technology Inc  
iPass Inc  
IPG Photonics Corp  
iRadimed Corp  
iRhythm Technologies Inc  
IRIDEX Corp  
Iridium Communications Inc  
iRobot Corp  
Iron Mountain Inc  
Isle of Capri Casinos Inc  
IsoRay Inc  
Isramco Inc  
iStar Inc  
Iteris Inc  
Itron Inc  
ITT Corp  
IXYS Corp  
IZEA Inc  
J&J Snack Foods Corp  
J. Alexander's Holdings Inc  
J. W. Mays Inc  
j2 Global Inc  
Jabil Circuit Inc  
Jack Henry & Associates Inc  
Jack In The Box Inc  
Jacksonville Bancorp Inc  
Jacobs Engineering Group Inc  
Jagged Peak Energy Inc  
Jaguar Animal Health Inc  
Jason Industries Inc  
JB Hunt Transport Services Inc  
JC Penney Co Inc  
JELD-WEN Holding Inc  
Jernigan Capital Inc

|   |                                |
|---|--------------------------------|
| JetBlue Airways Corp                        | KCAP Financial Inc             |
| Jewett-Cameron Trading Co Ltd               | KCG Holdings Inc               |
| JM Smucker Co                               | Keane Group Inc                |
| John B Sanfilippo & Son Inc                 | Kearny Financial Corp          |
| John Bean Technologies Corp                 | Kellogg Co                     |
| John Wiley & Sons Inc                       | Kelly Services Inc             |
| Johnson & Johnson                           | Kemet Corp                     |
| Johnson Controls International Plc          | Kemper Corp                    |
| Johnson Outdoors Inc                        | KemPharm Inc                   |
| Jones Energy Inc                            | Kennametal Inc                 |
| Jones Lang LaSalle Inc                      | Kennedy-Wilson Holdings Inc    |
| Jounce Therapeutics Inc                     | Kentucky First Federal Bancorp |
| Joymain International Development Group Inc | Keryx Biopharmaceuticals Inc   |
| JPMorgan Chase & Co                         | Kewaunee Scientific Corp       |
| Juniata Valley Financial Corp               | Key Energy Services Inc        |
| Juniper Networks Inc                        | Key Technology Inc             |
| Juniper Pharmaceuticals Inc                 | Key Tronic Corp                |
| Juno Therapeutics Inc                       | KeyCorp                        |
| K12 Inc                                     | Keysight Technologies Inc      |
| K2M Group Holdings Inc                      | KEYW Holding Corp              |
| Kadant Inc                                  | Kforce Inc                     |
| Kadmon Holdings Inc                         | Kilroy Realty Corp             |
| Kaiser Aluminum Corp                        | Kimball Electronics Inc        |
| KaloBios Pharmaceuticals Inc                | Kimball International Inc      |
| Kaman Corp                                  | Kimberly-Clark Corp            |
| Kansas City Southern                        | Kimco Realty Corp              |
| KapStone Paper And Packaging Corp           | Kinder Morgan Inc              |
| KAR Auction Services Inc                    | Kindred Healthcare Inc         |
| Karyopharm Therapeutics Inc                 | Kinsale Capital Group Inc      |
| Kate Spade & Co                             | Kirby Corp                     |
| KB Home                                     | Kirkland's Inc                 |
| KBR Inc                                     | Kite Realty Group Trust        |

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|---|-------------------------------------|
| KKR Real Estate Finance Trust Inc         | Landauer Inc                        |
| KLA-Tencor Corp                           | Landec Corp                         |
| KLX Inc                                   | Landmark Bancorp Inc                |
| KMG Chemicals Inc                         | Landmark Infrastructure Partners LP |
| Knight Transportation Inc                 | Lands' End Inc                      |
| Knoll Inc                                 | Landstar System Inc                 |
| Knowles Corp                              | Lannett Co Inc                      |
| Kohl's Corp                               | Lantheus Holdings Inc               |
| Kona Grill Inc                            | Lantronix Inc                       |
| Kopin Corp                                | Laredo Petroleum Inc                |
| Koppers Holdings Inc                      | Las Vegas Sands Corp                |
| Korn/Ferry International                  | LaSalle Hotel Properties            |
| Koss Corp                                 | Laureate Education Inc              |
| Kraton Corp                               | Lawson Products Inc                 |
| Kratos Defense & Security Solutions Inc   | Layne Christensen Co                |
| Kronos Worldwide Inc                      | La-Z-Boy Inc                        |
| Kura Oncology Inc                         | LCI Industries Inc                  |
| KVH Industries Inc                        | LCNB Corp                           |
| L Brands Inc                              | Leaf Group Ltd                      |
| L.B. Foster Co                            | Lear Corp                           |
| La Quinta Holdings Inc                    | Lee Enterprises Inc                 |
| Laboratory Corp of America Holdings       | Legacy Education Alliance Inc       |
| Ladder Capital Corp                       | Legacy Reserves LP                  |
| Ladenburg Thalmann Financial Services Inc | Legacy Ventures International Inc   |
| Lake Shore Bancorp Inc                    | LegacyTexas Financial Group Inc     |
| Lakeland Bancorp Inc                      | Legg Mason Inc                      |
| Lakeland Financial Corp                   | Leggett & Platt Inc                 |
| Lakeland Industries Inc                   | Leidos Holdings Inc                 |
| Lam Research Corp                         | LeMaitre Vascular Inc               |
| Lamar Advertising Co                      | LendingClub Corp                    |
| Lamb Weston Holdings Inc                  | LendingTree Inc                     |
| Lancaster Colony Corp                     | Lennar Corp                         |

Lennox International Inc  
Leucadia National Corp  
Level 3 Communications Inc  
Lexicon Pharmaceuticals Inc  
Lexington Realty Trust  
LGI Homes Inc  
LGL Group Inc  
LHC Group Inc  
Libbey Inc  
Liberty Broadband Corp  
Liberty Expedia Holdings Inc  
Liberty Formula One Group  
Liberty Property Trust  
Liberty Star Uranium & Metals Corp  
Liberty Tax Inc  
Liberty TripAdvisor Holdings Inc  
Life Clips Inc  
Life Storage Inc  
LifePoint Health Inc  
Lifetime Brands Inc  
Lifevantage Corp  
Lifeway Foods Inc  
Ligand Pharmaceuticals Inc  
Lightbridge Corp  
LightPath Technologies Inc  
Limbach Holdings Inc  
Limelight Networks Inc  
Limoneira Co  
Lincoln Educational Services Corp  
Lincoln Electric Holdings Inc  
Lincoln National Corp  
Lindblad Expeditions Holdings Inc

Lindsay Corp  
Lion Biotechnologies Inc  
Lipocine Inc  
Liquidity Service Inc  
Lithia Motors Inc  
Littelfuse Inc  
Live Nation Entertainment Inc  
Live Oak Bancshares Inc  
Live Ventures Inc  
LivePerson Inc  
LKQ Corp  
LM Funding America Inc  
Lockheed Martin Corp  
Loews Corp  
Logitech International  
LogMeIn Inc  
Lombard Medical Inc  
Lonestar Resources US Inc  
Loral Space & Communications Inc  
Louisiana-Pacific Corp  
Lowe's Companies Inc  
Loxo Oncology Inc  
LPL Financial Holdings Inc  
LRAD Corp  
LSB Industries Inc  
LSC Communications Inc  
LSI Industries Inc  
LTC Properties Inc  
Luby's Inc  
Luckycom Pharmaceuticals Inc  
Lumber Liquidators Holdings Inc  
Lumentum Holdings Inc



Luminex Corp  
Luna Innovations Inc  
Lydall Inc  
M&T Bank Corp  
M.D.C. Holdings Inc  
M/I Homes Inc  
MabVax Therapeutics Holdings Inc  
Macerich Co  
Mack-Cali Realty Corp  
Mackinac Financial Corp  
MACOM Technology Solutions Holdings Inc  
Macquarie Infrastructure Corp  
Macrogenics Inc  
Macy's Inc  
Mad Catz Interactive Inc  
Madison Ventures Inc  
Madrigal Pharmaceuticals Inc  
Magellan Gold Corp  
Magellan Health Inc  
Magellan Midstream Partners LP  
MagneGas Corp  
Magyar Bancorp Inc  
Main Street Capital Corp  
MainSource Financial Group Inc  
Majesco  
Malibu Boats Inc  
Malvern Bancorp Inc  
Mammoth Energy Services Inc  
Manhattan Associates Inc  
Manhattan Bridge Capital Inc  
Manitex International Inc  
Manitowoc Co Inc  
Mannatech Inc  
Manning & Napier Inc  
MannKind Corp  
ManpowerGroup Inc  
Mantech International Corp  
Marathon Oil Corp  
Marathon Petroleum Corp  
Marcus & Millichap Inc  
Marcus Corp  
Marin Software Inc  
Marine Products Corp  
MarineMax Inc  
Marinus Pharmaceuticals Inc  
Markel Corp  
MarketAxess Holdings Inc  
Marlin Business Services Corp  
Marriott International Inc  
Marriott Vacations Worldwide Corp  
Marsh & McLennan Companies Inc  
Marten Transport Ltd  
Martin Marietta Materials Inc  
Martin Midstream Partners LP  
Masco Corp  
Masimo Corp  
MasTec Inc  
Mastech Digital Inc  
MasterCard Inc  
Matador Resources Co  
Match Group Inc  
Mateon Therapeutics Inc  
Materion Corp  
Matrix Service Co

Matson Inc  
Mattel Inc  
Mattersight Corp  
Matthews International Corp  
Maui Land & Pineapple Co Inc  
Max Sound Corp  
Maxim Integrated Products Inc  
Maximus Inc  
MaxLinear Inc  
MaxPoint Interactive Inc  
Maxwell Technologies Inc  
MB Bancorp Inc  
MB Financial Inc  
MBIA Inc  
MBT Financial Corp  
MCBC Holdings Inc  
McCormick & Co Inc  
McDermott International Inc  
McDonald's Corp  
McGrath RentCorp  
McKesson Corp  
MDC Partners Inc  
MDU Resources Group Inc  
Medallion Financial Corp  
MedEquities Realty Trust Inc  
Medical Properties Trust Inc  
Medical Transcription Billing Corp  
Medicine Man Technologies Inc  
MediciNova Inc  
Medidata Solutions Inc  
Medifast Inc  
Medley Capital Corp  
Medley Management Inc  
Mednax Inc  
Medpace Holdings Inc  
Medtronic Plc  
MEI Pharma Inc  
Melrose Bancorp Inc  
Mentor Graphics Corp  
Mercantile Bank Corp  
Merck & Co Inc  
Mercury General Corp  
Mercury Systems Inc  
Meredith Corp  
Meridian Bancorp Inc  
Meridian Bioscience Inc  
Meridian Waste Solutions Inc  
Merit Medical Systems Inc  
Meritage Homes Corp  
Meritor Inc  
Mesa Laboratories Inc  
Mesabi Trust  
Meta Financial Group Inc  
Methode Electronics Inc  
MetLife Inc  
Mettler-Toledo International Inc  
Mexco Energy Corp  
MFA Financial Inc  
MGC Diagnostics Corp  
MGE Energy Inc  
MGM Growth Properties LLC  
MGM Resorts International  
MGP Ingredients Inc  
Microchip Technology Inc

Micron Solutions Inc  
Micron Technology Inc  
Microsemi Corp  
Microsoft Corp  
MicroStrategy Inc  
Microvision Inc  
Mid Penn Bancorp Inc  
Mid-America Apartment Communities Inc  
Midcoast Energy Partners LP  
Mid-Con Energy Partners LP  
Middlesex Water Co  
Midland States Bancorp Inc  
Midsouth Bancorp Inc  
Midstates Petroleum Co Inc  
MidWestOne Financial Group Inc  
Milacron Holdings Corp  
Milestone Scientific Inc  
Mill City Ventures III Ltd  
Miller Industries Inc.  
MiMedx Group Inc  
MINDBODY Inc  
Minerals Technologies Inc  
Minerva Neurosciences Inc  
Miragen Therapeutics Inc  
Mirati Therapeutics Inc  
Misonix Inc  
MISTRAS Group Inc  
Mitcham Industries Inc  
Mitek Systems Inc  
MKS Instruments Inc  
MMA Capital Management LLC  
Mobile Mini Inc  
MobileIron Inc  
MOCON Inc  
Model N Inc  
Modine Manufacturing Co  
ModSys International Ltd  
ModusLink Global Solutions Inc  
Moelis & Co  
Mohawk Industries Inc  
Moleculin Biotech Inc  
Molina Healthcare Inc  
Molson Coors Brewing Co  
Momenta Pharmaceuticals Inc  
Momentous Entertainment Group Inc  
Monarch Casino & Resort Inc  
Mondelez International Inc  
MoneyGram International Inc  
Monmouth Real Estate Investment Corp  
Monogram Residential Trust Inc  
Monolithic Power Systems Inc  
Monotype Imaging Holdings Inc  
Monro Muffler Brake Inc  
Monroe Capital Corp  
Monsanto Co  
Monster Beverage Corp  
Moody's Corporation  
Moog Inc  
Morgan Stanley  
Morningstar Inc  
Motorcar Parts of America Inc  
Motorola Solutions Inc  
Movado Group Inc  
MPLX LP

|                                 |   |
|---------------------------------|---|
| MRC Global Inc                  | National American University Holdings Inc |
| MRV Communications Inc          | National Bank Holdings Corp               |
| MSA Safety Inc                  | National Bankshares Inc                   |
| MSB Financial Corp              | National Beverage Corp                    |
| MSC Industrial Direct Co Inc    | National CineMedia Inc                    |
| MSCI Inc                        | National Commerce Corp                    |
| MSG Networks Inc                | National Fuel Gas Co                      |
| MTGE Investment Corp            | National General Holdings Corp            |
| MTS Systems Corp                | National Health Investors Inc             |
| Mueller Industries Inc          | National Healthcare Corp                  |
| Mueller Water Products, Inc.    | National Holdings Corp                    |
| Multi-Color Corp                | National Instruments Corp                 |
| Murphy Oil Corp                 | National Oilwell Varco Inc                |
| Murphy USA Inc                  | National Presto Industries Inc            |
| MutualFirst Financial Inc       | National Research Corp                    |
| MW Bancorp Inc                  | National Retail Properties Inc            |
| Myers Industries Inc            | National Security Group Inc               |
| MyoKardia Inc                   | National Storage Affiliates Trust         |
| MYR Group Inc                   | National Waste Management Holdings Inc    |
| Myriad Genetics Inc             | National Western Life Group Inc           |
| NACCO Industries Inc            | Nationstar Mortgage Holdings Inc          |
| Naked Brand Group Inc           | Natural Alternatives International Inc    |
| Nanometrics Inc                 | Natural Gas Services Group Inc            |
| NanoString Technologies Inc     | Natural Grocers by Vitamin Cottage Inc    |
| NanoVibronix Inc                | Natural Health Trends Corp                |
| Nanoviricides Inc               | Natural Resources Partners LP             |
| NantHealth Inc                  | Natures Sunshine Products Inc             |
| NantKwest Inc                   | Natus Medical Inc                         |
| NAPCO Security Technologies Inc | Nautilus Inc                              |
| Nasdaq Inc                      | Nautilus Marine Services PLC              |
| Natera Inc                      | Navidea Biopharmaceuticals Inc            |
| Nathan's Famous Inc             | Navient Corp                              |

Navigant Consulting Inc  
Navigators Group Inc  
Navistar International Corp  
NBT Bancorp Inc  
NCI Building Systems Inc  
NCI Inc  
NCR Corp  
Neenah Paper Inc  
Neff Corp  
Nektar Therapeutics Inc  
Nelnet Inc  
Neogen Corp  
NeoGenomics Inc  
NeoPhotonics Corp  
Neos Therapeutics Inc  
Neothetics Inc  
NetApp Inc  
Netflix Inc  
Netgear Inc  
Netlist Inc  
NetScout Systems Inc  
Netsol Technologies Inc  
Neuralstem Inc  
Neurocrine Biosciences Inc  
NeuroMetrix Inc  
Nevada Gold & Casinos Inc  
Nevro Corp  
New Age Beverages Corp  
New Bancorp Inc  
New Jersey Resources Corp  
New Mountain Finance Corp  
New Relic Inc  
New Residential Investment Corp  
New York & Co Inc  
New York Community Bancorp Inc  
New York Mortgage Trust Inc  
New York REIT Inc  
New York Times Co  
Newell Brands Inc  
Newfield Exploration Co  
NewLink Genetics Corp  
NewMarket Corp  
Newmont Mining Corp  
Newpark Resources Inc  
News Corp  
NewStar Financial Inc  
Newtek Business Services Corp  
Nexeo Solutions Inc  
NexPoint Residential Trust Inc  
Nexstar Media Group Inc  
NextEra Energy Inc  
NGL Energy Partners LP  
Nhale Inc  
NIC Inc  
Nicholas Financial Inc  
Nicolet Bankshares Inc  
Nielsen Holdings Plc  
NII Holdings Inc  
Nike Inc  
Nimble Storage Inc  
NiSource Inc  
Nivalis Therapeutics Inc  
NL Industries Inc  
NMI Holdings Inc

NN Inc  
Noble Energy Inc  
Noodles & Co  
Nordson Corp  
Nordstrom Inc  
Norfolk Southern Corp  
Nortech Systems Inc  
North European Oil Royalty Trust  
Northeast Bancorp  
Northern Oil & Gas Inc  
Northern Technologies International Corp  
Northern Trust Corp  
Northfield Bancorp Inc  
Northrim BanCorp Inc  
Northrop Grumman Corp  
NorthStar Realty Europe Corp  
Northwest Bancshares Inc  
Northwest Biotherapeutics Inc  
Northwest Indiana Bancorp  
Northwest Natural Gas Co  
Northwest Pipe Co  
NorthWestern Corp  
Norwegian Cruise Line Holdings Ltd  
Norwood Financial Corp  
Nova Lifestyle Inc  
NovaBay Pharmaceuticals Inc  
Novagold Resources Inc  
Novan Inc  
Novanta Inc  
Novavax Inc  
NOW Inc  
NRG Energy Inc  
NTN Buzztime Inc  
Nu Skin Enterprises Inc  
Nuance Communications Inc  
Nucor Corp  
Nu-Med Plus Inc  
NuStar Energy LP  
NuStar GP Holdings LLC  
Nutanix Inc  
Nutraceutical International Corp  
Nutrisystem Inc  
NuVasive Inc  
Nuvectra Corp  
NV5 Global Inc  
NVE Corp  
NVIDIA Corp  
NVR Inc  
NxStage Medical Inc  
Oak Valley Bancorp  
Oaktree Capital Group LLC  
Obalon Therapeutics Inc  
Occidental Petroleum Corp  
Ocean Bio-Chem Inc  
Ocean Power Technologies Inc  
Oceaneering International Inc  
OceanFirst Financial Corp  
Ocera Therapeutics Inc  
Och-Ziff Capital Management Group LLC  
OCI Partners LP  
Oclaro Inc  
Ocone Federal Financial Corp  
Ocular Therapeutix Inc  
Ocwen Financial Corp

Odyssey Marine Exploration Inc  
OFS Capital Corp  
OGE Energy Corp  
OHA Investment Corp  
Ohio Valley Banc Corporation  
Ohr Pharmaceutical Inc  
Oil States International Inc  
Oil-Dri Corp of America  
Old Dominion Freight Lines Inc  
Old Line Bancshares Inc  
Old National Bancorp  
Old Point Financial Corp  
Old Republic International Corp  
Old Second Bancorp Inc  
Olin Corp  
Ollie's Bargain Outlet Holdings Inc  
Olympic Steel Inc  
Omega Flex Inc  
Omega Healthcare Investors Inc  
Omega Protein Corp  
Omeros Corp  
Ominto Inc  
Omicell Inc  
Omnicom Group Inc  
Omnicom Systems Inc  
Omnova Solutions Inc  
On Assignment Inc  
On Deck Capital Inc  
ON Semiconductor Corp  
OncoCyte Corp  
OncoMed Pharmaceuticals Inc  
Onconova Therapeutics Inc  
OncoSec Medical Inc  
ONE Gas Inc  
One Liberty Properties Inc  
OneBeacon Insurance Group Ltd  
OneMain Holdings Inc  
ONEOK Inc  
ONEOK Partners LP  
Onvia Inc  
Ooma Inc  
OpGen Inc  
Ophthotech Corp  
OPKO Health Inc  
Oppenheimer Holdings Inc  
Optical Cable Corp  
OptimumBank Holdings Inc  
Oracle Corp  
Oragenics Inc  
OraSure Technologies Inc  
ORBCOMM Inc  
Orbital ATK Inc  
Orchid Island Capital Inc  
Orchids Paper Products Co  
O'Reilly Automotive Inc  
Orexigen Therapeutics Inc  
Organovo Holdings Inc  
Orion Energy Systems Inc  
Orion Group Holdings Inc  
Oritani Financial Corp  
Ormat Technologies Inc  
Orrstown Financial Services Inc  
Oshkosh Corp  
OSI Systems Inc

Otelco Inc  
Otonomy Inc  
Ottawa Bancorp Inc  
Otter Tail Corp  
Outfront Media Inc  
OvaScience Inc  
Overseas Shipholding Group Inc  
Overstock.com Inc  
Owens & Minor Inc  
Owens Realty Mortgage Inc  
Owens-Corning Inc  
Owens-Illinois Inc  
Oxford Industries Inc  
Oxford Lane Capital  
P & F Industries Inc  
P.A.M. Transportation Services Inc  
P.H. Glatfelter Co  
PACCAR Inc  
Pacific Biosciences of California Inc  
Pacific Ethanol Inc  
Pacific Mercantile Bancorp  
Pacific Premier Bancorp Inc  
Pacira Pharmaceuticals Inc  
Packaging Corp of America  
PacWest Bancorp  
Pain Therapeutics Inc  
Palatin Technologies Inc  
Palo Alto Networks Inc  
Panamera Healthcare Corp  
Panhandle Oil and Gas Inc  
Papa John's International Inc  
Papa Murphy's Holdings Inc  
Par Pacific Holdings Inc  
PAR Technology Corp  
Paramount Gold Nevada Corp  
Paramount Group Inc  
Paratek Pharmaceuticals Inc  
Parexel International Corp  
Park City Group Inc  
Park Electrochemical Corp  
Park National Corp  
Park Sterling Corp  
Parke Bancorp Inc  
Parker Drilling Co  
Parker Hannifin Corp  
Parkervision Inc  
Park-Ohio Holdings Corp  
Parkway Inc  
Parsley Energy Inc  
Party City Holdco Inc  
Pathfinder Bancorp Inc  
Patrick Industries Inc  
Patriot Transportation Holding Inc  
Pattern Energy Group Inc  
Patterson Companies Inc  
Patterson-UTI Energy Inc  
Paychex Inc  
Paycom Software Inc  
Paylocity Holding Corp  
Payment Data Systems Inc  
PayMeOn Inc  
PayPal Holdings Inc  
PB Bancorp Inc  
PBF Energy Inc



PC Connection Inc  
PDC Energy Inc  
PDF Solutions Inc  
PDL BioPharma Inc  
pdvWireless Inc  
Peak Resorts Inc  
Peapack Gladstone Financial Corp  
Pebblebrook Hotel Trust  
PeerLogix Inc  
Pegasystems Inc  
Pendrell Corp  
Penn National Gaming Inc  
Penn Virginia Corp  
PennantPark Floating Rate Capital Ltd  
Penns Woods Bancorp Inc  
Pennsylvania Real Estate Investment Trust  
PennyMac Financial Services Inc  
PennyMac Mortgage Investment Trust  
Penske Automotive Group Inc  
Penumbra Inc  
Peoples Bancorp Inc (Marietta OH)  
Peoples Bancorp of North Carolina Inc  
Peoples Financial Corp  
Peoples Financial Services Corp  
People's United Financial Inc  
People's Utah Bancorp  
PepsiCo Inc  
Perceptron Inc  
Peregrine Pharmaceuticals Inc  
Perficient Inc  
Performance Food Group Co  
Perfumania Holdings Inc  
PerkinElmer Inc  
Perma-Pipe International Holdings Inc  
Perry Ellis International Inc  
PetMed Express Inc  
Petro River Oil Corp  
Petrolia Energy Corp  
Petroquest Energy Inc  
PetroShare Corp  
Pfenex Inc  
Pfizer Inc  
PFSweb Inc  
PG&E Corp  
PGT Innovations Inc  
PharMerica Corp  
PhaseRx Inc  
PHH Corp  
Phibro Animal Health Corp  
Philip Morris International Inc  
Phillips 66  
Phillips 66 Partners LP  
Photronics Inc  
Physicians Realty Trust  
PICO Holdings Inc  
Piedmont Office Realty Trust Inc  
Pier 1 Imports Inc  
Pieris Pharmaceuticals Inc  
Pilgrim Bancshares Inc  
Pilgrims Pride Corp  
Pinnacle Entertainment Inc  
Pinnacle Financial Partners Inc  
Pinnacle Foods Inc  
Pinnacle West Capital Corp

Pioneer Energy Services Corp  
Pioneer Natural Resources Co  
Pioneer Power Solutions Inc  
Piper Jaffray Cos  
Pitney Bowes Inc  
Pixelworks Inc  
PJT Partners Inc  
Plains All American Pipeline LP  
Plains GP Holdings LP  
Planet Payment Inc  
Plantronics Inc  
Platform Specialty Products Corp  
Plexus Corp  
Plug Power Inc  
Plumas Bancorp  
Ply Gem Holdings Inc  
PMX Communities Inc  
PNC Financial Services Group Inc  
PNM Resources Inc  
Poage Bankshares Inc  
Polar Power Inc  
Polaris Industries Inc  
PolyOne Corp  
Pool Corp  
Pope Resources LP  
Porter Bancorp Inc  
Portland General Electric Co  
Portola Pharmaceuticals Inc  
Post Holdings Inc  
Potbelly Corp  
Potlatch Corp  
Poverty Dignified Inc  
Powell Industries Inc  
Power Integrations Inc  
Power REIT  
Powerdyne International Inc  
PPG Industries Inc  
PPL Corp  
PRA Group Inc  
PRA Health Sciences Inc  
Praxair Inc  
Preferred Apartment Communities Inc  
Preformed Line Products Co  
Premier Financial Bancorp Inc  
Premier Inc  
Presidio Inc  
Prestige Brands Holdings Inc  
PRGX Global Inc  
Pricesmart Inc  
PrimeEnergy Corp  
Primerica Inc  
Primo Water Corp  
Primoris Services Corp  
Principal Financial Group Inc  
ProAssurance Corp  
Procter & Gamble Co  
Professional Diversity Network Inc  
Profire Energy Inc  
Progenics Pharmaceuticals Inc  
Progress Software Corp  
Progressive Corp  
Prologis Inc  
Proofpoint Inc  
Propel Media Inc

|                                     |                               |
|-------------------------------------|-------------------------------|
| ProPhase Labs Inc                   | Q2 Holdings Inc               |
| Pros Holdings Inc                   | QAD Inc                       |
| Prospect Capital Corp               | QCR Holdings Inc              |
| Prosperity Bancshares Inc           | QEP Resources Inc             |
| Protagonist Therapeutics Inc        | Qorvo Inc                     |
| Protea Biosciences Group Inc        | QS Energy Inc                 |
| Proteon Therapeutics Inc            | QTS Realty Trust Inc          |
| Proto Labs Inc                      | Quad/Graphics Inc             |
| Providence Service Corp             | Quaker Chemical Corp          |
| Provident Bancorp Inc               | Qualcomm Inc                  |
| Provident Financial Holdings Inc    | Quality Care Properties Inc   |
| Provident Financial Services Inc    | Quality Systems Inc           |
| Prudential Bancorp Inc              | Qualstar Corp                 |
| Prudential Financial Inc            | Qualys Inc                    |
| PS Business Parks Inc               | Quanex Building Products Corp |
| pSivida Corp                        | Quanta Services Inc           |
| Psychemedics Corp                   | Quantenna Communications Inc  |
| PTC Inc                             | Quest Diagnostics Inc         |
| PTC Therapeutics Inc                | QuickLogic Corp               |
| Public Service Enterprise Group Inc | Quidel Corp                   |
| Public Storage                      | QuinStreet Inc                |
| Pulmatrix Inc                       | Quintiles IMS Holdings Inc    |
| Pulse Biosciences Inc               | Qumu Corp                     |
| PulteGroup Inc                      | Quorum Health Corp            |
| Puma Biotechnology Inc              | Quotient Technology Inc       |
| Pura Naturals Inc                   | QVC Group                     |
| Pure Cycle Corp                     | R.R.Donnelley & Sons Co       |
| Pure Storage Inc                    | Ra Pharmaceuticals Inc        |
| PureBase Corp                       | Radian Group Inc              |
| PureTech Health Plc                 | Radiant Logistics Inc         |
| PVH Corp                            | Radisys Corp                  |
| Pzena Investment Management Inc     | Radius Health Inc             |

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| RadNet Inc                        | Regen BioPharma Inc                 |
| Ralph Lauren Corp                 | Regency Centers Corp                |
| Ramaco Resources Inc              | Regeneron Pharmaceuticals Inc       |
| Rambus Inc                        | Regenxbio Inc                       |
| Ramco-Gershenson Properties Trust | Regional Management Corp            |
| Rand Capital Corp                 | Regions Financial Corp              |
| Rand Logistics Inc                | Regis Corp                          |
| Randolph Bancorp Inc              | Regulus Therapeutics Inc            |
| Range Resources Corp              | Reinsurance Group of America Inc    |
| Rapid7 Inc                        | REIS Inc                            |
| Rave Restaurant Group Inc         | Reliance Steel & Aluminum Co        |
| Raven Industries Inc              | Reliv' International Inc            |
| Raymond James Financial Inc       | RELM Wireless Corp                  |
| Rayonier Advanced Materials Inc   | Relmada Therapeutics Inc            |
| Rayonier Inc                      | Remark Holdings Inc                 |
| Raytheon Co                       | Renasant Corp                       |
| RBC Bearings Inc                  | Renewable Energy Group Inc          |
| RE/MAX Holdings Inc               | RenovaCare Inc                      |
| Real Industry Inc                 | Repligen Corp                       |
| Realty Holdings Corp              | Republic Bancorp Inc                |
| RealPage Inc                      | Republic First Bancorp Inc          |
| Realty Income Corp                | Republic Services Inc               |
| Reata Pharmaceuticals Inc         | Research Frontiers Inc              |
| Recro Pharma Inc                  | ResMed Inc                          |
| Red Hat Inc                       | Resolute Energy Corp                |
| Red Lion Hotels Corp              | Resonant Inc                        |
| Red Robin Gourmet Burgers Inc     | Resource Capital Corp               |
| Red Rock Resorts Inc              | Resources Connection Inc            |
| Redwood Trust Inc                 | Retail Opportunity Investments Corp |
| Reed's Inc                        | Retail Properties of America Inc    |
| Regal Beloit Corp                 | RetailMeNot Inc                     |
| Regal Entertainment Group         | Retrophin Inc                       |

REV Group Inc  
Revance Therapeutics Inc  
Reven Housing REIT Inc  
Revlon Inc  
Revolution Lighting Technologies Inc  
REX American Resources Corp  
Rex Energy Corp  
Rexahn Pharmaceuticals Inc  
Rexford Industrial Realty Inc  
Rexnord Corp  
RGC Resources Inc  
RH  
Rhino Resource Partners LP  
Rice Energy Inc  
Rice Midstream Partners LP  
RiceBran Technologies  
Rich Pharmaceuticals Inc  
Richardson Electronics Ltd  
Rigel Pharmaceuticals Inc  
RigNet Inc  
RingCentral Inc  
Rite Aid Corp  
Ritter Pharmaceuticals Inc  
Riverview Bancorp Inc  
RLJ Entertainment Inc  
RLJ Lodging Trust  
RMG Networks Holding Corp  
Robert Half International Inc  
Rocket Fuel Inc  
Rockwell Automation Inc  
Rockwell Collins Inc  
Rocky Brands Inc  
Rocky Mountain Chocolate Factory Inc  
Roka Bioscience Inc  
Rollins Inc  
root9B Holdings Inc  
Roper Technologies Inc  
Rosetta Stone Inc  
Ross Stores Inc  
Rowan Companies Plc  
Royal Caribbean Cruises Ltd  
Royal Gold Inc  
RPC Inc  
RPM International Inc  
RPX Corp  
RREEF Property Trust Inc  
RSP Permian Inc  
RTI Surgical Inc  
Ruby Tuesday Inc  
Rudolph Technologies Inc  
Rush Enterprises Inc  
Ruth's Hospitality Group Inc  
RXi Pharmaceuticals Corp  
Ryder System Inc  
Ryerson Holding Corp  
Ryman Hospitality Properties Inc  
S&P Global Inc  
S&T Bancorp Inc  
S&W Seed Co  
Sabra Health Care REIT Inc  
Sabre Corp  
SAExploration Holdings Inc  
Safeguard Scientifics Inc  
Safety Insurance Group Inc

Saga Communications Inc  
Sage Therapeutics Inc  
Saia Inc  
Salem Media Group Inc  
Salesforce.com Inc  
Salisbury Bancorp Inc  
Sally Beauty Holdings Inc  
Sanchez Energy Corp  
Sanderson Farms Inc  
SandRidge Energy Inc  
Sandy Spring Bancorp Inc  
Sangamo Therapeutics Inc  
Sanmina Corp  
Santander Consumer USA Holdings Inc  
SANUWAVE Health Inc  
Saratoga Investment Corp  
Sarepta Therapeutics Inc  
Saul Centers Inc  
SB Financial Group Inc  
SBA Communications Corp  
SCANA Corp  
ScanSource Inc  
Schlumberger Ltd  
Schmitt Industries Inc  
Schnitzer Steel Industries Inc  
Scholastic Corp  
Schweitzer-Mauduit International Inc  
SciClone Pharmaceuticals Inc  
Science Applications International Corp  
Scientific Games Corp  
Scripps Networks Interactive Inc  
SCYNEXIS Inc  
Seaboard Corp  
SeaChange International Inc  
Seacoast Banking Corp of Florida  
Sealed Air Corp  
Sears Holdings Corp  
Sears Hometown and Outlet Stores Inc  
SeaSpine Holdings Corp  
Seattle Genetics Inc  
SeaWorld Entertainment Inc  
Second Sight Medical Products Inc  
SecureWorks Corp  
Security National Financial Corp  
Seeka Ltd  
SEI Investments Co  
Select Bancorp Inc  
Select Comfort Corp  
Select Income REIT  
Select Medical Holdings Corp  
Selecta Biosciences Inc  
Selective Insurance Group Inc  
Semgroup Corp  
Sempra Energy  
Semtech Corp  
Seneca Foods Corp  
SenesTech Inc  
Senior Housing Properties Trust  
Senseonics Holdings Inc  
Sensient Technologies Corp  
Sensus Healthcare Inc  
Sequential Brands Group Inc  
Seres Therapeutics Inc  
Seritage Growth Properties

|  |                                  |
|--|----------------------------------|
| Service Corp International             | Simmons First National Corp      |
| ServiceNow Inc                         | Simon Property Group Inc         |
| ServiceSource International Inc        | Simpson Manufacturing Co Inc     |
| Servisfirst Bancshares Inc             | Simulations Plus Inc             |
| Servotronics Inc                       | Sinclair Broadcast Group Inc     |
| Sevcon Inc                             | Singing Machine Co Inc           |
| Severn Bancorp Inc                     | Sino-Global Shipping America Ltd |
| Shake Shack Inc                        | Sirius XM Holdings Inc           |
| Sharps Compliance Corp                 | SiteOne Landscape Supply Inc     |
| SharpSpring Inc                        | Sitestar Corp                    |
| Shenandoah Telecommunications Co       | Six Flags Entertainment Corp     |
| Sherwin-Williams Co                    | SJW Group                        |
| Shiloh Industries Inc                  | Skechers USA Inc                 |
| Shoe Carnival Inc                      | Skyline Corp                     |
| Shore Bancshares Inc                   | SkyWest Inc                      |
| ShoreTel Inc                           | Skyworks Solutions Inc           |
| Shutterfly Inc                         | SL Green Realty Corp             |
| Shutterstock Inc                       | SLM Corp                         |
| SI Financial Group Inc                 | SM Energy Co                     |
| Siebert Financial Corp                 | Smart & Final Stores Inc         |
| Sientra Inc                            | Smart Sand Inc                   |
| Sierra Bancorp                         | SmartFinancial Inc               |
| SIFCO Industries Inc                   | Smith Micro Software Inc         |
| SIGA Technologies Inc                  | Snap Inc                         |
| Sigma Designs Inc                      | Snap Interactive Inc             |
| Sigmatron International Inc            | Snap-on Inc                      |
| Silgan Holdings Inc                    | Snyder's-Lance Inc               |
| Silicon Laboratories Inc               | SocialPlay USA Inc               |
| Silver Spring Networks Inc             | Socket Mobile Inc                |
| SilverBow Resources Inc                | Solar Capital Ltd                |
| Silvercrest Asset Management Group Inc | Solar Senior Capital Ltd         |
| SilverSun Technologies Inc             | Soleno Therapeutics Inc          |

Soligenix Inc  
Solitario Exploration & Royalty Corp  
Sonic Automotive Inc  
Sonic Corp  
Sonic Foundry Inc  
Sonoco Products Co  
Sonoma Pharmaceuticals Inc  
Sonus Networks Inc  
Sophiris Bio Inc  
Sothebys  
Sotherly Hotels Inc  
Sound Financial Bancorp Inc  
South Jersey Industries Inc  
South State Corp  
Southcross Energy Partners LP  
Southern Co  
Southern Copper Corp  
Southern First Bancshares Inc  
Southern Missouri Bancorp Inc  
Southern National Bancorp of Virginia Inc  
Southside Bancshares Inc  
Southwest Airlines Co  
Southwest Bancorp Inc  
Southwest Georgia Financial Corp  
Southwestern Energy Co  
SP Plus Corp  
Span-America Medical Systems Inc  
Spanish Broadcasting System Inc  
SPAR Group Inc  
Spark Energy Inc  
Spark Networks Inc  
Spark Therapeutics Inc  
Spartan Motors Inc  
SpartanNash Co  
Sparton Corp  
Spectra Energy Partners LP  
Spectrum Brands Holdings Inc  
Spectrum Pharmaceuticals Inc  
Speedway Motorsports Inc  
Spire Inc  
Spirit AeroSystems Holdings Inc  
Spirit Airlines Inc  
Spirit Realty Capital Inc  
Splunk Inc  
Spok Holdings Inc  
Sportsman's Warehouse Holdings Inc  
Sprague Resources LP  
Spring Bank Pharmaceuticals Inc  
Sprint Corp  
Sprouts Farmers Market Inc  
SPX Corp  
SPX FLOW Inc  
SQL Technologies Corp  
Square Inc  
SRC Energy Inc  
SS&C Technologies Holdings Inc  
Staar Surgical Co  
Staffing 360 Solutions Inc  
Stag Industrial Inc  
Stage Stores Inc  
Stamps.com Inc  
Standard Motor Products Inc  
Standex International Corp  
Stanley Black & Decker Inc



Stanley Furniture Co Inc  
Staples Inc  
Star Gas Partners LP  
Starbucks Corp  
StarTek Inc  
Starwood Property Trust Inc  
State Auto Financial Corp  
State Bank Financial Corp  
State National Companies Inc  
State Street Corporation  
Stealth Technologies Inc  
Steel Dynamics Inc  
Steel Partners Holdings LP  
Steelcase Inc  
Stein Mart Inc  
Stellar Biotechnologies Inc  
Stellus Capital Investment Corp  
Stemline Therapeutics Inc  
Stepan Co  
Stereotaxis Inc  
Stericycle Inc  
Sterling Bancorp  
Sterling Consolidated Corp  
Sterling Construction Co Inc  
Steven Madden Ltd  
Stewardship Financial Corp  
Stewart Information Services Corp  
STG Group Inc  
Stifel Financial Corp  
Stock Yards Bancorp Inc  
Stoneridge Inc  
STORE Capital Corp  
Straight Path Communications Inc  
Stratasys Ltd  
Strattec Security Corp  
Stratus Properties Inc  
Strayer Education Inc  
Streamline Health Solutions Inc  
Stryker Corp  
Sturm Ruger & Co Inc  
Sucampo Pharmaceuticals Inc  
Sugar Creek Financial Corp  
Summer Infant Inc  
Summit Financial Group Inc  
Summit Hotel Properties Inc  
Summit Materials Inc  
Summit Midstream Partners LP  
Sun Bancorp Inc  
Sun BioPharma Inc  
Sun Communities Inc  
Sun Hydraulics Corp  
SunCoke Energy Inc  
SunCoke Energy Partners LP  
Sundance Strategies Inc  
Sunesis Pharmaceuticals Inc  
SunLink Health Systems Inc  
Sunnyside Bancorp Inc  
Sunoco Logistics Partners LP  
Sunoco LP  
SunPower Corp  
Sunrun Inc  
Sunshine Bancorp Inc  
Sunstone Hotel Investors Inc  
SunTrust Banks Inc

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Sunworks Inc                          | T2 Biosystems Inc                 |
| Super Micro Computer Inc              | Tableau Software Inc              |
| Superior Energy Services Inc          | Tabula Rasa HealthCare Inc        |
| Superior Industries International Inc | Tactile Systems Technology Inc    |
| Superior Uniform Group Inc            | Tailored Brands Inc               |
| SUPERVALU Inc                         | Taitron Components Inc            |
| Supreme Industries Inc                | Take-Two Interactive Software Inc |
| Surmodics Inc                         | Tallgrass Energy Partners LP      |
| Sussex Bancorp                        | Tandem Diabetes Care Inc          |
| Sutherland Asset Management Corp      | Tandy Leather Factory Inc         |
| SVB Financial Group                   | Tanger Factory Outlet Centers Inc |
| Swift Transportation Co               | TapImmune Inc                     |
| Sykes Enterprises Inc                 | Targa Resources Corp              |
| Symantec Corp                         | Target Corp                       |
| Synacor Inc                           | Taylor Devices Inc                |
| Synalloy Corp                         | Taylor Morrison Home Corp         |
| Synaptics Inc                         | TC Pipelines LP                   |
| Synchrony Financial                   | TCF Financial Corp                |
| Syndax Pharmaceuticals Inc            | TD Ameritrade Holding Corp        |
| Synergy CHC Corp                      | Team Inc                          |
| Synergy Pharmaceuticals Inc           | TearLab Corp                      |
| Synnex Corp                           | Tech Data Corp                    |
| Synopsys Inc                          | Technical Communications Corp     |
| Synovus Financial Corp                | Tecogen Inc                       |
| Syntel Inc                            | Tegna Inc                         |
| Synthesis Energy Sys Inc              | Tejon Ranch Co                    |
| Synutra International Inc             | Tel Instrument Electronics Corp   |
| Sypris Solutions Inc                  | Teladoc Inc                       |
| Syros Pharmaceuticals Inc             | Teledyne Technologies Inc         |
| Sysco Corp                            | Teleflex Inc                      |
| Systemax Inc                          | TeleHealthCare Inc                |
| T. Rowe Price Group Inc               | Telenav Inc                       |

Telephone and Data Systems Inc  
TeleTech Holdings Inc  
Teligent Inc  
Tempur Sealy International Inc  
Tenax Therapeutics Inc  
Tenet Healthcare Corp  
Tennant Co  
Tenneco Inc  
Teradata Corp  
Teradyne Inc  
Terex Corp  
Terra Nitrogen Co LP  
Terravia Holdings Inc  
Terreno Realty Corp  
Territorial Bancorp Inc  
Tesaro Inc  
Tesco Corp  
Tesla Inc  
Tesoro Corp  
Tesoro Logistics LP  
Tessco Technologies Inc  
Tetra Tech Inc  
Tetraphase Pharmaceuticals Inc  
Texas Capital Bancshares Inc  
Texas Instruments Inc  
Texas Pacific Land Trust  
Texas Roadhouse Inc  
Textron Inc  
TFS Financial Corp  
TG Therapeutics Inc  
The Advisory Board Co  
The AES Corp  
The Bancorp Inc  
The Brink's Co  
The Carlyle Group LP  
The Chefs' Warehouse Inc  
The Chemours Co  
The Community Financial Corp  
The Container Store Group Inc  
The Cooper Companies Inc  
The Dixie Group Inc  
The E W Scripps Co  
The Eastern Co  
The Estee Lauder Companies Inc  
The ExOne Co  
The Female Health Co  
The GEO Group Inc  
The Hackett Group Inc  
The Hanover Insurance Group Inc  
The Hartford Financial Services Group Inc  
The Hershey Co  
The Home Depot Inc  
The Howard Hughes Corp  
The Interpublic Group of Companies Inc  
The JG Wentworth Co  
The Joint Corp  
The Kraft Heinz Co  
The Kroger Co  
The L S Starrett Co  
The Madison Square Garden Co  
The McClatchy Co  
The Medicines Co  
The Meet Group Inc  
The Michaels Companies Inc

The Middleby Corp  
The Mosaic Co  
The New Home Company Inc  
The One Group Hospitality Inc  
The Priceline Group Inc  
The RMR Group Inc  
The Rubicon Project Inc  
The Scotts Miracle Gro Co  
The Spectranetics Corp  
The St. Joe Co  
The Timken Co  
The Travelers Companies Inc  
The Ultimate Software Group Inc  
The Valspar Corp  
The Wendy's Co  
The Western Union Co  
The York Water Co  
TherapeuticsMD Inc  
Thermo Fisher Scientific Inc  
Thermon Group Holdings Inc  
THL Credit Inc  
Thor Industries Inc  
Tidewater Inc  
Tier REIT Inc  
Tiffany & Co  
Tile Shop Holdings Inc  
Tilly's Inc  
Timberland Bancorp Inc  
Time Inc  
Time Warner Inc  
TimkenSteel Corp  
Tiptree Inc  
Titan Energy LLC  
Titan International Inc  
Titan Machinery Inc  
Tivity Health Inc  
TiVo Corp  
TJX Companies Inc  
T-Mobile US Inc  
Tofutti Brands Inc  
Toll Brothers Inc  
Tompkins Financial Corp  
Tonix Pharmaceuticals Holding Corp  
Tootsie Roll Industries Inc  
TOR Minerals International Inc  
Torchmark Corp  
Toro Co  
Total System Services Inc  
Tower International Inc  
Town Sports International Holdings Inc  
Townsquare Media Inc  
TPG Specialty Lending Inc  
TRACON Pharmaceuticals Inc  
Tractor Supply Co  
Trans World Entertainment Corp  
Transact Technologies Inc  
TransAtlantic Petroleum Ltd  
TransBiotec Inc  
Transcat Inc  
TransDigm Group Inc  
TransEnterix Inc  
TransMontaigne Partners LP  
TransUnion  
TravelCenters of America LLC

Travelzoo  
TRC Companies Inc  
Trecora Resources  
Tredegar Corp  
Treehouse Foods Inc  
Tremor Video Inc  
Trevena Inc  
Trex Co Inc  
TRI Pointe Group Inc  
Triangle Capital Corp  
Triangle Petroleum Corp  
Tribune Media Co  
TriCo Bancshares  
TriMas Corp  
Trimble Inc  
Trinet Group Inc  
Trinity Industries Inc  
Trinity Place Holdings Inc  
Trinseo  
Trio-Tech International  
TripAdvisor Inc  
TriplePoint Venture Growth BDC Corp  
TriState Capital Holdings Inc  
Triumph Bancorp Inc  
Triumph Group Inc  
Tronc Inc  
TrovaGene Inc  
True Nature Holding Inc  
TrueBlue Inc  
TrueCar Inc  
Truett-Hurst Inc  
Trupanion Inc  
Trustco Bank Corp N Y  
Trustmark Corp  
TSR Inc  
TTM Technologies Inc  
Tuesday Morning Corp  
Tupperware Brands Corp  
Turbine Truck Engines Inc  
Turning Point Brands Inc  
Turtle Beach Corp  
Tutor Perini Corp  
Twenty-First Century Fox Inc  
Twin Disc Inc  
Twinlab Consolidated Holdings Inc  
Twitter Inc  
Two Harbors Investment Corp  
Two River Bancorp  
Tyler Technologies Inc  
Tyson Foods Inc  
U.S. Auto Parts Network Inc  
UAS Drone Corp  
Ubiquiti Networks Inc  
UDR Inc  
UFP Technologies Inc  
UGI Corp  
Ulta Beauty Inc  
Ultra Clean Holdings Inc  
Ultragenyx Pharmaceutical Inc  
Ultralife Corp  
UMB Financial Corp  
UMH Properties Inc  
Umpqua Holdings Corp  
Under Armour Inc

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|---|--|
| Unico American Corp                     | United-Guardian Inc                      |
| Unifi Inc                               | UnitedHealth Group Inc                   |
| UniFirst Corp                           | Uniti Group Inc                          |
| Unilife Corp                            | Unitil Corp                              |
| Union Bankshares Corp                   | Unity Bancorp Inc                        |
| Union Bankshares Inc                    | Univar Inc                               |
| Union Pacific Corp                      | Universal Corp                           |
| Uni-Pixel Inc                           | Universal Display Corp                   |
| Unique Fabricating Inc                  | Universal Electronics Inc                |
| Uniroyal Global Engineered Products Inc | Universal Forest Products Inc            |
| Unisys Corp                             | Universal Health Realty Income Trust     |
| Unit Corp                               | Universal Health Services Inc            |
| United Bancorp Inc                      | Universal Insurance Holdings Inc         |
| United Bancshares Inc                   | Universal Logistics Holdings Inc         |
| United Bankshares Inc                   | Universal Security Instruments Inc       |
| United Community Bancorp                | Universal Stainless & Alloy Products Inc |
| United Community Banks Inc              | Universal Technical Institute Inc        |
| United Community Financial Corp         | Univest Corp of Pennsylvania             |
| United Continental Holdings Inc         | Unum Group                               |
| United Financial Bancorp Inc            | Upland Software Inc                      |
| United Fire Group Inc                   | UQM Technologies Inc                     |
| United Insurance Holdings Corp          | Uranium Resources Inc                    |
| United Natural Foods Inc                | Urban Edge Properties                    |
| United Parcel Service Inc               | Urban One Inc                            |
| United Rentals Inc                      | Urban Outfitters Inc                     |
| United Security Bancshares              | Ur-Energy Inc                            |
| United States Antimony Corp             | Urstadt Biddle Properties Inc            |
| United States Cellular Corp             | US Bancorp                               |
| United States Lime & Minerals Inc       | US Concrete Inc                          |
| United States Steel Corp                | US Ecology Inc                           |
| United Technologies Corp                | US Foods Holding Corp                    |
| United Therapeutics Corp                | US Geothermal Inc                        |

US Global Investors Inc  
US Nuclear Corp  
US Silica Holdings Inc  
USA Compression Partners LP  
USA Technologies Inc  
USA Truck Inc  
Usana Health Sciences Inc  
USD Partners LP  
USG Corp  
Utah Medical Products Inc  
VAALCO Energy Inc  
Vail Resorts Inc  
Valeritas Holdings Inc  
Valero Energy Corp  
Valero Energy Partners LP  
Valhi Inc  
Valley National Bancorp  
Valmont Industries Inc  
Value Line Inc  
Valvoline Inc  
Vanda Pharmaceuticals Inc  
Vantiv Inc  
Varian Medical Systems Inc  
Varonis Systems Inc  
Vasco Data Security International Inc  
VBI Vaccines Inc  
Vector Group Ltd  
Vectren Corp  
Vectrus Inc  
Veeco Instruments Inc  
Veeva Systems Inc  
Ventas Inc

Vera Bradley Inc  
Veracyte Inc  
Verastem Inc  
VEREIT Inc  
Vericel Corp  
VeriFone Systems Inc  
Verint Systems Inc  
VeriSign Inc  
Verisk Analytics Inc  
Veritex Holdings Inc  
Veritiv Corp  
Veritone Inc  
Verizon Communications Inc  
Vermillion Inc  
Versar Inc  
Versartis Inc  
Verso Corp  
Versum Materials Inc  
Vertex Energy Inc  
Vertex Pharmaceuticals Inc  
VF Corp  
Viacom Inc  
Viad Corp  
Viasat Inc  
Viavi Solutions Inc  
Vical Inc  
Vicor Corp  
ViewRay Inc  
Viking Therapeutics Inc  
Village Bank and Trust Financial Corp  
Village Super Market Inc  
Vince Holding Corp

VinCompass Corp  
Viper Energy Partners LP  
Virco Manufacturing Corp  
VirnetX Holding Corp  
Virtu Financial Inc  
Virtus Investment Partners Inc  
Virtusa Corp  
Visa Inc  
Vishay Intertechnology Inc  
Vishay Precision Group Inc  
Vista Gold Corp  
Vista Outdoor Inc  
VistaGen Therapeutics Inc  
Visteon Corp  
Vital Therapies Inc  
Vitamin Shoppe Inc  
Vivint Solar Inc  
VMware Inc  
Vocera Communications Inc  
Vodka Brands Corp  
Volt Information Sciences Inc  
Voltari Corp  
Vonage Holdings Corp  
Vornado Realty Trust  
VOXX International Corp  
Voya Financial Inc  
Voyager Therapeutics Inc  
VSE Corp  
vTv Therapeutics Inc  
Vulcan Materials Co  
Vuzix Corp  
VWR Corp  
W R Grace & Co  
W&T Offshore Inc  
W.P. Carey Inc  
W.W. Grainger Inc  
Wabash National Corp  
Waddell & Reed Financial Inc  
WageWorks Inc  
Walgreens Boots Alliance Inc  
Walker & Dunlop Inc  
Wall Street Media Co Inc  
Wal-Mart Stores Inc  
Walt Disney Co  
Walter Investment Management Corp  
Washington Federal Inc  
Washington Prime Group Inc  
Washington REIT  
Washington Trust Bancorp Inc  
WashingtonFirst Bankshares Inc  
Waste Connections Inc  
Waste Management Inc  
Waters Corp  
Waterstone Financial Inc  
Watsco Inc  
Watts Water Technologies Inc  
Wayfair Inc  
Wayside Technology Group Inc  
WCF Bancorp Inc  
WD-40 Co  
Web.com Group Inc  
WebMD Health Corp  
Webster Financial Corp  
WEC Energy Group Inc



Weight Watchers International Inc  
Weingarten Realty Investors  
Weis Markets Inc  
Welbilt Inc  
WellCare Health Plans Inc  
Wellesley Bancorp Inc  
Wells Fargo & Co  
Welltower Inc  
Werner Enterprises Inc  
Wesbanco Inc  
Wesco Aircraft Holdings Inc  
WESCO International Inc  
West Bancorp Inc  
West Corp  
West End Indiana Bancshares Inc  
West Marine Inc  
West Pharmaceutical Services Inc  
Westamerica Bancorp  
Westbury Bancorp Inc  
Westell Technologies Inc  
Western Alliance Bancorp  
Western Asset Mortgage Capital Corp  
Western Digital Corp  
Western Gas Partners, LP  
Western New England Bancorp Inc  
Western Refining Logistics LP  
Westinghouse Air Brake Technologies Corp  
Westlake Chemical Corp  
Westlake Chemical Partners LP  
Westmoreland Coal Co  
WestRock Co  
Westwood Holdings Group Inc  
WEX Inc  
Weyco Group Inc  
Weyerhaeuser Co  
WGL Holdings Inc  
Wheeler Real Estate Investment Trust Inc  
Whirlpool Corp  
White Mountains Insurance Group Ltd  
Whitestone REIT  
Whiting Petroleum Corp  
Whole Foods Market Inc  
WildHorse Resource Development Corp  
Wilhelmina International Inc  
Willamette Valley Vineyards Inc  
Willbros Group Inc  
Willdan Group Inc  
William Lyon Homes Inc  
Williams Companies Inc  
Williams Partners LP  
Williams-Sonoma Inc  
Willis Lease Finance Corp  
Windstream Holdings Inc  
Windtree Therapeutics Inc  
Wingstop Inc  
Winmark Corp  
Winnebago Industries Inc  
Wintrust Financial Corp  
Wireless Telecom Group Inc  
WisdomTree Investments Inc  
Wizard World Inc  
WMIH Corp  
Wolverine Bancorp Inc  
Wolverine World Wide Inc

Woodward Inc  
Workday Inc  
Workiva Inc  
World Acceptance Corp  
World Fuel Services Corp  
World Wrestling Entertainment Inc  
Worthington Industries Inc  
WPCS International Inc  
WPX Energy Inc  
WR Berkley Corp  
WSFS Financial Corp  
WSI Industries Inc  
WVS Financial Corp  
Wyndham Worldwide Corp  
Wynn Resorts Ltd  
Xactly Corp  
XBiotech Inc  
Xcel Energy Inc  
Xcerra Corp  
Xencor Inc  
Xenia Hotels & Resorts Inc  
Xerium Technologies Inc  
Xerox Corp  
XFit Brands Inc  
xG Technology Inc  
Xilinx Inc  
XO Group Inc  
XOMA Corp  
Xperi Corp  
Xplore Technologies Corp  
XPO Logistics Inc  
Xylem Inc  
Yelp Inc  
Yew Bio-Pharm Group Inc  
Yield10 Bioscience Inc  
YRC Worldwide Inc  
Yum Brands Inc  
Yuma Energy Inc  
Zafgen Inc  
Zagg Inc  
Zayo Group Holdings Inc  
Zebra Technologies Corp  
Zedge Inc  
Zillow Group Inc  
Zimmer Biomet Holdings Inc  
Zion Oil & Gas Inc  
Zions Bancorp  
ZIOPHARM Oncology Inc  
Zix Corp  
Znergy Inc  
Zoe's Kitchen Inc  
Zoetis Inc  
Zogenix Inc  
Zoompass Holdings Inc  
Zosano Pharma Corp  
Zumiez Inc  
Zynerba Pharmaceuticals Inc  
Zynga Inc