

INDEX CONSTITUENTS

ROBO GLOBAL[®] ARTIFICIAL INTELLIGENCE INDEX CONSTITUENTS

TOTAL NUMBER OF CONSTITUENTS: 66

EFFECTIVE DATE: 12/31/2018

COMPANY NAME	TICKER	WEIGHT
TAIWAN SEMICONDUCTOR MANUFAC	2330 TT	1.73%
GLOBAL UNICHIP CORP	3443 TT	1.38%
TENCENT HOLDINGS LTD	700 HK	2.04%
SOFTBANK GROUP CORP	9984 JT	1.14%
ACCENTURE PLC-CL A	ACN UN	1.03%
ADOBE INC	ADBE UW	1.41%
ANALOG DEVICES INC	ADI UW	1.68%
AUTODESK INC	ADSK UW	1.77%
AMADEUS IT GROUP SA CLASS A	AMS SQ	1.14%
AMAZON.COM INC	AMZN UW	1.87%
APPEN LTD	APX AT	1.64%
ASML HOLDING NV-NY REG SHS	ASML UW	1.58%
ALTERYX INC	AYX UN	2.03%
ASPEN TECHNOLOGY INC	AZPN UW	1.49%
ALIBABA GROUP HOLDING-SP ADR	BABA UN	1.57%
BAIDU INC - SPON ADR	BIDU UW	1.79%
BOOKING HOLDINGS INC	BKNG UW	1.40%
CAPGEMINI SA	CAP FP	1.34%
COGNEX CORP	CGNX UW	1.51%
CLOUDERA INC	CLDR UN	1.40%
CRAY INC	CRAY UW	1.34%
CORNERSTONE ONDEMAND INC	CSOD UW	1.47%
TABLEAU SOFTWARE INC	DATA UN	1.44%
ELECTRONIC ARTS INC	EA UW	1.10%
FAIR ISAAC CORP	FICO UN	2.08%
FISERV INC	FISV UW	1.26%
ALPHABET INC A-SHARES	GOOGL UW	2.02%
GRUBHUB INC	GRUB UN	1.28%
HUBSPOT INC	HUBS UN	1.99%

COMPANY NAME	TICKER	WEIGHT
INTL BUSINESS MACHINES CORP	IBM UN	1.93%
INFINEON TECHNOLOGIES AG	IFX GY	0.99%
ILLUMINA INC	ILMN UW	1.58%
INTUIT COM	INTU UW	1.12%
IROBOT CORP	IRBT UW	1.87%
JD.COM INC	JD UW	1.08%
LAM RESEARCH CORP	LRCX UW	1.27%
MONGODB INC	MDB UQ	1.27%
MEDIDATA SOLUTIONS INC	MDSO UW	1.69%
MERCADOLIBRE INC	MELI UW	1.26%
MICROSOFT CORP	MSFT UW	1.96%
NEW RELIC INC	NEWR UN	1.78%
NETFLIX INC	NFLX UW	1.84%
SERVICENOW INC	NOW UN	1.12%
NUTANIX INC	NTNX UW	1.46%
NVIDIA CORP	NVDA UW	1.65%
ON SEMICONDUCTOR CORPORATION	ON UW	1.54%
PALO ALTO NETWORKS INC	PANW UN	1.24%
PROOFPOINT INC	PFPT UQ	1.18%
BLUE PRISM GROUP PLC	PRSM LN	1.39%
PURE STORAGE INC - CLASS A	PSTG UN	1.19%
SAGE GROUP PLC	SGE LN	1.75%
SHOPIFY INC	SHOP UN	1.53%
SPLUNK INC	SPLK UW	2.01%
SPOTIFY TECHNOLOGY SA	SPOT UN	1.53%
TERADATA CORP	TDC UN	1.76%
TERADYNE INC	TER UW	1.43%
TALEND SA	TLND UQ	1.17%
TESLA INC	TSLA UW	1.19%
TWILIO INC	TWLO UN	1.49%
VEEVA SYSTEMS INC	VEEV UN	1.09%
VARONIS SYSTEMS INC	VRNS UW	1.70%
WIX.COM LTD	WIX UW	1.84%
XILINX INC	XLNX UW	1.39%
YEXT INC	YEXT UN	1.23%
YANDEX NV CLASS A	YNDX UW	1.74%
ZENDESK INC	ZEN UN	1.82%

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