

## Taiwan Semiconductor Manufacturing Co Ltd ADR TSM | Morningstar Rating

### Major Shareholders TSM

Funds		Institutions						
Name	Shares Held	% Total Shares Held	Shares Change	% Chg from Pr or Port	% Total Assets	Date of Portfolio	Star Rating	
<b>Vanguard Emerging Mkts Stock Idx Inv</b>	<b>35,005,392</b>	<b>0.67</b>	<b>-153,687</b>	<b>-0.44</b>	<b>1.54</b>	<b>11/30/2017</b>	<b>★★★</b>	
VA CollegeAmerica Amercn Bal 529E	19,722,000	0.38	195,000	1.00	0.65	09/30/2017	★★★★★	
MFS International Value A	17,789,092	0.34	0	0.00	2.37	11/30/2017	★★★★★	
American Funds NVIT Asset Allocation II	15,550,000	0.30	0	0.00	2.43	09/30/2017	★★★★★	
Fidelity® Contrafund®	9,720,105	0.19	-24,800	-0.25	0.33	10/31/2017	★★★★★	
DFA Emerging Markets Core Equity I	7,888,568	0.15	154,073	1.99	1.23	10/31/2017	★★★★★	
VA CollegeAmerica Grth Fund of Amer 529F	8,743,800	0.17	0	0.00	0.2	09/30/2017	★★★★★	
VA CollegeAmerica EuroPacific Gr 529F	8,247,523	0.16	0	0.00	0.21	09/30/2017	★★★★★	
<b>Vanguard Windsor™ II Inv</b>	<b>7,567,119</b>	<b>0.15</b>	<b>0</b>	<b>0.00</b>	<b>0.58</b>	<b>09/30/2017</b>	<b>★★★</b>	
VA CollegeAmerica Amercn Mutual 529E	7,000,000	0.13	2,075,000	42.13	0.58	09/30/2017	★★★★★	
Fidelity® Diversified International	5,151,800	0.10	-74,200	-1.42	1.1	10/31/2017	★★★	
Harding Loevner International Eq Instl	5,567,800	0.11	689,400	14.13	1.83	09/30/2017	★★★★★	
Schwab Emerging Markets Equity ETF™	4,834,900	0.09	85,410	1.80	4.03	12/28/2017	★★★	
JPMorgan Emerging Mkts Eq Instl	4,447,895	0.09	225,630	5.34	4.22	10/31/2017	★★★★★	
MFS Instl International Equity	4,522,320	0.09	-11,064	-0.24	1.88	11/30/2017	★★★★★	
JPMCB Emerg Markets Equity Focused Fund	4,226,965	0.08	-82,660	-1.92	5.17	09/30/2017	<b>Not Rated</b>	
MFS International Growth A	3,937,889	0.08	53,817	1.39	2.86	11/30/2017	★★★	
VA CollegeAmerica Fundamental Invs 529E	4,038,630	0.08	0	0.00	0.17	09/30/2017	★★★	
WCM Focused Internat onal Growth Instl	4,199,322	0.08	371,257	9.70	3.43	07/31/2017	★★★★★	
VA CollegeAmerica Inc Fund of Amer 529E	3,836,470	0.07	0	0.00	0.14	09/30/2017	★★★	

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Name	Shares Held	% Total Shares Held	Shares Change	% Chg from Prior Port	% Total Assets	Date of Portfolio
Capital World Investors	65,845,571	1.27	221,325	0.34	0.56	09/30/2017
MFS Investment Management KK	59,013,375	1.14	59,013,375	New	0.96	09/30/2017
<b>Baillie Gifford &amp; Co Limited.</b>	<b>45,029,635</b>	<b>0.87</b>	<b>-1,218,637</b>	<b>-2.63</b>	<b>2.14</b>	<b>09/30/2017</b>
<b>Vanguard Group Inc</b>	<b>44,492,698</b>	<b>0.86</b>	<b>1,209,561</b>	<b>2.79</b>	<b>0.08</b>	<b>09/30/2017</b>
Bank of New York Mellon Corp	37,062,849	0.71	-941,536	-2.48	4.87	06/30/2017
Fisher Asset Management, LLC	33,909,955	0.65	-561,326	-1.63	1.79	09/30/2017
Sanders Capital, LLC	33,140,101	0.64	1,156,348	3.62	7.50	09/30/2017
Fidelity Management and Research Company	28,245,092	0.54	-1,229,203	-4.17	0.14	09/30/2017
Lansdowne Partners Limited Partnership	25,937,082	0.50	7,095,969	37.66	10.14	09/30/2017
Lazard Asset Management LLC	21,461,356	0.41	-418,557	-1.91	1.60	09/30/2017
William Blair Investment Management, LLC	19,563,258	0.38	2,733,285	16.24	2.63	09/30/2017
WCM Investment Management	19,286,559	0.37	511,463	2.72	9.15	09/30/2017
Harding Loevner L.P.	18,187,158	0.35	937,142	5.43	3.88	09/30/2017
J.P. Morgan Investment Management Inc	18,217,946	0.35	-414,607	-2.23	0.28	09/30/2017
Vontobel Asset Management Inc	14,641,746	0.29	299,315	2.09	4.07	09/30/2017
Arrowstreet Capital Limited Partnership	14,725,482	0.28	2,723,138	22.69	1.48	09/30/2017
J P Morgan Asset Management (UK) Ltd	14,857,285	0.28	500,900	3.49	1.79	09/30/2017
AQR Capital Management LLC	14,440,610	0.28	1,041,699	7.77	0.65	09/30/2017
UBS Securities LLC	11,372,230	0.22	2,589,121	29.48	0.20	09/30/2017
Dimensional Fund Advisors, Inc.	11,081,126	0.21	125,430	1.14	0.18	09/30/2017

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