



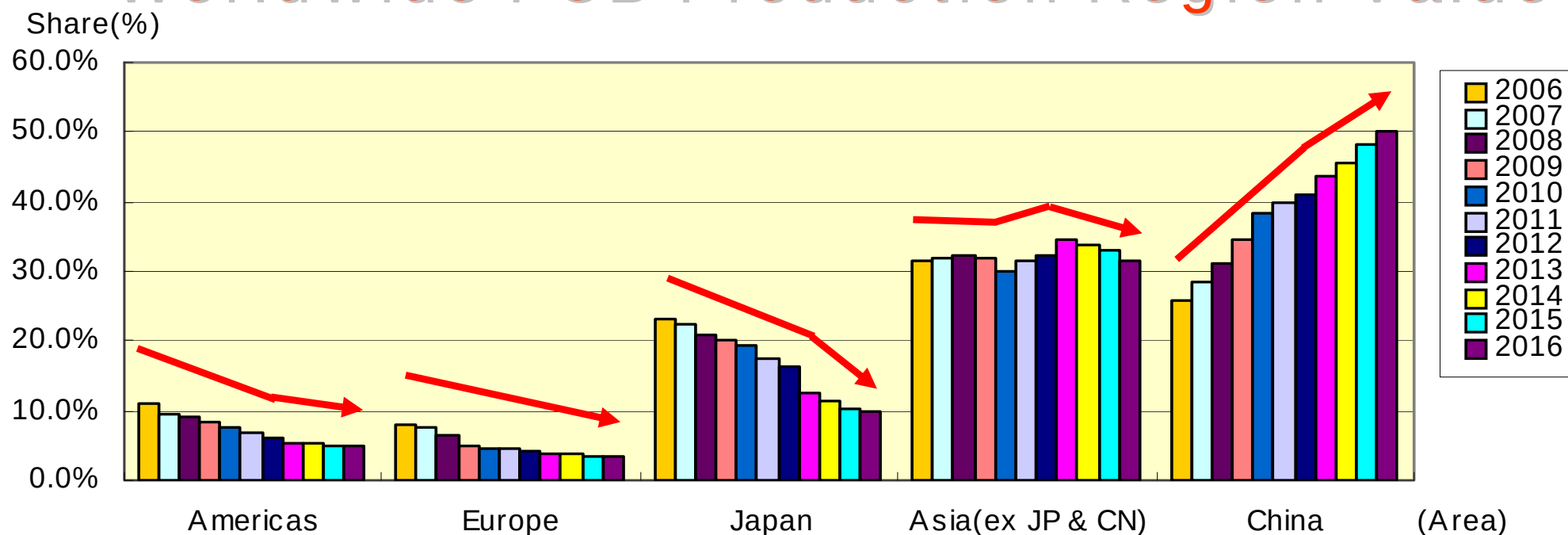
TRIPOD

TRIPOD TECHNOLOGY CORPORATION

Presentation

September 2017

Worldwide PCB Production Region Value



M USD	Americas	Europe	Japan	Asia (ex JP&CN)	China	China Growth	Worldwide TOTAL	Worldwide Growth	China's Share
2006	5,054	3,612	10,511	14,229	11,737	22.9%	45,144	11.1%	26.0%
2007	4,577	3,598	10,716	15,231	13,563	15.6%	47,684	5.6%	28.4%
2008	4,484	3,208	10,095	15,518	15,037	10.9%	48,342	1.4%	31.1%
2009	3,446	2,035	8,304	13,189	14,252	-5.2%	41,226	-14.7%	34.6%
2010	3,923	2,464	10,165	15,746	20,170	41.5%	52,468	27.3%	38.4%
2011	3,825	2,550	9,638	17,367	22,029	9.2%	55,409	5.6%	39.8%
2012	3,284	2,338	9,074	18,037	22,936	4.1%	55,669	0.5%	41.2%
2013	3,044	2,190	6,995	19,363	24,560	7.1%	56,152	0.9%	43.7%
2014	2,977	2,220	6,530	19,507	26,203	6.7%	57,437	2.3%	45.6%
2015	2,776	1,933	5,655	18,233	26,729	2.0%	55,325	-3.7%	48.3%
2016	2,752	1,910	5,253	17,169	27,123	1.5%	54,207	-2.0%	50.0%

* Source : Prismark (May. 2017)

2016 Global Top 15 PCB Makers Unit: Million USD

<u>Rank</u>	<u>Makers</u>	<u>Nationality</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>16/15</u>	<u>11-16 CAGR</u>
<u>1</u>	Nippon Mektron*	Japan	2240 (3)	2632 (1)	2556 (1)	2997 (1)	3512 (1)	3307 (1)	-5.9%	8.1%
<u>2</u>	Zhen Ding (Foxconn PCB)*	Taiwan	1505 (5)	1874 (5)	2166 (3)	2504 (2)	2704 (2)	2558 (2)	-5.4%	11.2%
<u>3</u>	TTM (with Viasystems)**	USA	2563 (1)	2430 (2)	2380 (2)	2376 (3)	2488 (3)	2533 (3)	1.8%	-0.2%
<u>4</u>	Unimicron (with PPT)	Taiwan	2370 (2)	2377 (3)	2133 (5)	2149 (4)	2122 (4)	2026 (4)	-4.5%	-3.1%
<u>5</u>	Compeq	Taiwan	811 (18)	905 (14)	1041 (12)	1116 (11)	1395 (6)	1401 (5)	0.5%	11.6%
<u>6</u>	Tripod	Taiwan	1395 (7)	1325 (8)	1372 (8)	1400 (8)	1368 (7)	1351 (6)	-1.2%	-0.6%
<u>7</u>	Young Poong (with KCC, Interflex*)	Korea	1255 (10)	1555 (7)	2065 (4)	1675 (5)	1295 (10)	1201 (7)	-7.3%	-0.9%
<u>8</u>	Samsung Electro-Mech	Korea	1445 (6)	1867 (6)	1700 (6)	1551 (6)	1344 (8)	1140 (8)	-15.2%	-4.6%
<u>9</u>	Sumitomo Electric*	Japan	880 (14)	1184 (9)	1315 (9)	1279 (9)	1616 (5)	1136 (9)	-29.7%	5.2%
<u>10</u>	KB PCB Group (with Elec&Eltek..)	HongKong	1040 (11)	935 (13)	922 (14)	965 (13)	930 (12)	980 (10)	5.4%	-1.2%
<u>11</u>	Ibiden	Japan	2126 (4)	2094 (4)	1567 (7)	1455 (7)	1297 (9)	954 (11)	-26.4%	-14.8%
<u>12</u>	Nanya PCB	Taiwan	1290 (9)	975 (12)	1088 (11)	1154 (10)	945 (11)	906 (12)	-4.1%	-6.8%
<u>13</u>	AT&S	Austria	690 (21)	698 (20)	780 (16)	829 (15)	844 (14)	877 (13)	3.9%	4.9%
<u>14</u>	Hannstar Board (with GBM)	Taiwan	1290 (9)	1100 (10)	972 (13)	958 (14)	825 (15)	828 (14)	0.3%	-8.5%
<u>15</u>	Daeduck Group	Korea	970 (12)	1080 (11)	1190 (10)	1076 (12)	923 (13)	808 (15)	-12.5%	-3.6%
Top 15 PCB Makers			21870	23031	23247	23484	23608	22006	-6.8%	0.1%

* FPC Makers Include FPCBA Value

Source : Prismark (May. 2017)

** On a Pro Forma Basis, TTM Acquired Viasystems in 2015

Consolidated Quarterly Income Statement

Unit : Million NTD	2016 Q2		2016 Q3		2016 Q4		2017 Q1		2017 Q2	
	AMT	%	AMT	%	AMT	%	AMT	%	AMT	%
Net Sales	10,663	100.0%	11,619	100.0%	11,286	100.0%	10,285	100.0%	10,636	100.0%
COGS	8,954	84.0%	9,302	80.1%	9,002	79.8%	8,514	82.8%	8,673	81.5%
Gross Profit	1,709	16.0%	2,317	19.9%	2,284	20.2%	1,771	17.2%	1,963	18.5%
Operating Exp.	901	8.4%	879	7.6%	1,011	9.0%	841	8.2%	870	8.2%
Other Expense	0	0.0%	450	3.9%	0	0.0%	0	0.0%	-67	-0.6%
Operating Income	808	7.6%	989	8.5%	1,273	11.3%	931	9.0%	1,160	10.9%
Non-Op. Income	164	1.5%	202	1.7%	256	2.3%	163	1.6%	250	2.4%
Pretax Income	972	9.1%	1,191	10.2%	1,530	13.6%	1,094	10.6%	1,410	13.3%
Income Tax	278	2.6%	214	1.8%	298	2.6%	193	1.9%	368	3.5%
Net Income	694	6.5%	976	8.4%	1,232	10.9%	901	8.8%	1,042	9.8%
Attributable to:										
the Parent	694	6.5%	976	8.4%	1,232	10.9%	901	8.8%	1,042	9.8%
Basic EPS	\$1.32		\$1.86		\$2.34		\$1.71		\$1.98	
Dep.& Amort.	727	6.8%	675	5.8%	590	5.2%	516	5.0%	474	4.5%

Consolidated Annual Income Statement

Unit : Million NTD	2014		2015		2016		2016 1H		2017 1H	
	AMT	%	AMT	%	AMT	%	AMT	%	AMT	%
Net Sales	42,433	100.0%	43,383	100.0%	43,513	100.0%	20,608	100.0%	20,921	100.0%
COGS	35,771	84.3%	36,589	84.3%	35,695	82.0%	17,392	84.4%	17,187	82.2%
Gross Profit	6,662	15.7%	6,793	15.7%	7,818	18.0%	3,216	15.6%	3,734	17.8%
Operating Exp.	3,960	9.3%	3,933	9.1%	3,679	8.5%	1,789	8.7%	1,710	8.2%
Other Expense	129	0.3%	0	0.0%	450	1.0%	0	0.0%	-67	-0.3%
Operating Income	2,573	6.1%	2,860	6.6%	3,689	8.5%	1,427	6.9%	2,090	10.0%
Non-Op. Income	667	1.6%	671	1.5%	788	1.8%	329	1.6%	413	2.0%
Pretax Income	3,240	7.6%	3,531	8.1%	4,477	10.3%	1,756	8.5%	2,504	12.0%
Income Tax	584	1.4%	698	1.6%	904	2.1%	392	1.9%	561	2.7%
Net Income	2,656	6.3%	2,833	6.5%	3,573	8.2%	1,365	6.6%	1,943	9.3%
Attributable to: the Parent	2,637	6.2%	2,833	6.5%	3,573	8.2%	1,365	6.6%	1,943	9.3%
Basic EPS	\$5.02		\$5.39		\$6.80		\$2.60		\$3.70	
Dep.& Amort.	2,816	6.6%	3,080	7.1%	2,749	6.3%	1,485	7.2%	990	4.7%

Consolidated Balanced Sheet

Unit: Million NTD	2014 (IFRS)		2015 (IFRS)		2016 1H (IFRS)		2016 (IFRS)		2017 1H (IFRS)	
	AMT	%	AMT	%	AMT	%	AMT	%	AMT	%
Cash and Cash Equivalents	21,501	34.4%	27,258	43.1%	26,390	40.1%	30,247	45.9%	30,910	46.9%
Other Current Assets	19,047	30.5%	18,312	28.9%	16,983	25.8%	18,950	28.8%	19,356	29.4%
Funds and Investments	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Fixed Assets	15,992	25.6%	14,418	22.8%	12,924	19.6%	11,321	17.2%	12,618	19.2%
Intangible and Other Assets	2,529	4.0%	2,537	4.0%	2,680	4.1%	2,782	4.2%	2,979	4.5%
Total Assets	59,068	94.5%	62,525	98.8%	58,976	89.5%	63,301	96.1%	65,863	100.0%
Short-Term Loans	15,236	24.4%	17,740	28.0%	14,602	22.2%	16,913	25.7%	18,004	27.3%
Other Current Liabilities	14,154	22.6%	13,347	21.1%	14,348	21.8%	14,871	22.6%	17,499	26.6%
Long-Term Borrowings	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other Liabilities	1,285	2.1%	1,670	2.6%	1,654	2.5%	1,951	3.0%	2,346	3.6%
Shareholder's Equities	28,393	45.4%	29,768	47.0%	28,372	43.1%	29,566	44.9%	28,014	42.5%
Total Liabilities and Equities	59,068	94.5%	62,525	98.8%	58,976	89.5%	63,301	96.1%	65,863	100.0%
Asset Turnover (x)	0.81		0.80		0.68		0.69		0.65	
Fixed Asset Turnover (x)	2.57		2.75		3.01		3.38		3.50	
ROA (%)	5.1%		5.2%		4.5%		5.7%		6.0%	
ROE (%)	10.1%		10.5%		9.4%		12.0%		13.5%	
Current Ratio (%)	138%		147%		150%		155%		142%	
Debt / Asset Ratio (%)	52%		52%		52%		53%		57%	
Net Debt / Equity Ratio (%)	-22%		-32%		-42%		-45%		-46%	
Net Cash Per Share (NT\$)	11.9		18.1		22.4		25.4		24.6	
Book Value Per Share (NT\$)	54.0		56.6		54.0		56.3		53.3	

Consolidated Statements of Cash flows

Unit: Million NTD	2013 (IFRS*)	2014 (IFRS*)	2015 (IFRS*)	2016 (IFRS*)	2016 1H (IFRS*)	2017 1H (IFRS*)
Net Income*	2,892	3,240	3,531	4,477	1,756	2,504
Depreciation & Amortization	3,638	2,816	3,080	2,749	1,485	990
Others	-2,321	106	496	1,143	32	-1,058
Cash Flow from Operations	4,208	6,162	7,106	8,369	3,273	2,436
Acquisition of Fixed Assets	-2,169	-2,500	-2,299	-1,056	-495	-1,886
Decrease (Increase) in Investments	0	255	0	-136	0	0
Others	-47	-107	71	-320	59	171
Cash Flow from Investments	-2,217	-2,353	-2,228	-1,512	-436	-1,715
Increase (Decrease) in Loans	2,213	4,624	2,048	-604	-2,965	1,650
Cash Dividends Paid	-1,314	-1,183	-1,445	-1,708	0	0
Others	36	-9	-21	102	29	23
Cash Flow from Financing	935	3,432	582	-2,209	-2,937	1,673
Foreign Exchange Translation	313	907	298	-1,658	-769	-1,732
Increase (Decrease) in Cash	3,239	8,148	5,757	2,989	-868	663
Cash at the End of the Year	13,353	21,501	27,258	30,247	26,390	30,910

* Started to Adopt IFRS Since 2013 and Net Income Changed to Before Income Tax Basis

Appendix- PCB Facilities Location



JiangSu- WuXi Site I (2003)



JiangSu- WuXi Site II (2007)



HuBei- XianTao (2013)



Taiwan- PingJen (1998)