Advanced Market Report

Global Liquid Crystal Display/ Flat Panel Display Market Strategies 2001

The combined global market for liquid crystal displays (LCDs), flat panel displays (FPDs), and cathode ray tubes (CRTs) will be valued at an estimated US$100 billion in 2005. If your organization is an active market player in this sector, you can ill afford to be without the latest industry survey from Tokyo-based Infinite Technologies, Inc., entitled **Global Liquid Crystal Display/Flat Panel Display Market Strategies 2001.**

Unprecedented access to the top international players from Japan and South Korea, plus various other industry sources, has produced a comprehensive picture of where the display industry stands today, and more importantly what the playing field will look like in the next five years. Infinite Technologies forecasts 63% of display shipments by value will be comprised of LCDs/FPDs by 2005, compared to less than 45% this year. 2005 shipments are predicted to stand at ¥11 trillion (approximately $102 billion) in 2005.

Fastest growing categories in terms of market value are predicted to include organic electroluminescent displays (O-ELDs), albeit from a small base, with compounded annual growth rate of more than 200%, and plasma display panels (PDPs), where shipments are forecast to expand in excess of 50% annually, by which time they will rank as the third-largest FPD sector in value.

Infinite Technologies also forecasts the following scenarios in its report:

(1) A minus factor in PDP growth prospects will be the delayed takeoff of digital TV, but this will be more than covered for by global growth in monitors for use in public places.

(2) STN display demand for will level off after 2002 as the cellular telephone market becomes saturated.

(3) The prospects for small- and medium-size aSi-TFT, appear bright as personal digital assistants continue to proliferate.

(4) aSi-TFT displays will also make inroads into in-vehicle navigation/information systems.

(5) Low temperature aSi-TFTs are ready to take off in notebook personal computers and other mobile devices, as well as TV sets.

(6) While growth for O-ELDs may be fast,the absolute size of the market will surpass ¥500 billion ($4.6 billion) only in 2006 or 2007, when manufacturers have developed suitable active matrix color versions.

(7) Inorganic ELDs seem destined to find use in niche applications such as medical equipment and factory automation.

∞ Infinite Technologies, 2000

Included in the report are:

1) market forecasts in terms of volume, value, and screen size
2) pricing forecasts
3) comprehensive application breakdowns
4) color display trends
5) manufacturer overviews, market shares, and competitive analyses
6) technology trends

The following display types are covered in detail:

TN-LCD, STN, Color-STN, aSi-TFT, High temperature pSi-TFT, Low temperature pSi-TFT, Reflective LCD, Plastic LCD, PDP, O-ELD, I-ELD, VFD, FED, LED, DMD, CRT, Flat CRT

The 126-page **English language version** of **Global Liquid Crystal Display/Flat Panel Display Market Strategies 2001** is available through Infinite Technologies' global marketing agent, Asia Info Tsushinsha, in either hard copy or .pdf document format. The report is currently priced at **US$2000–**. A **Japanese language version** is also available for the same price.

For more information, please contact:

ai.comm

Asia Info Tsushinsha Pte. Ltd.
95 South Bridge Road
#10-32 Pidemco Centre
Singapore 058717
Fax. 65-226-3269
Email: ai-comm@excite.co.jp

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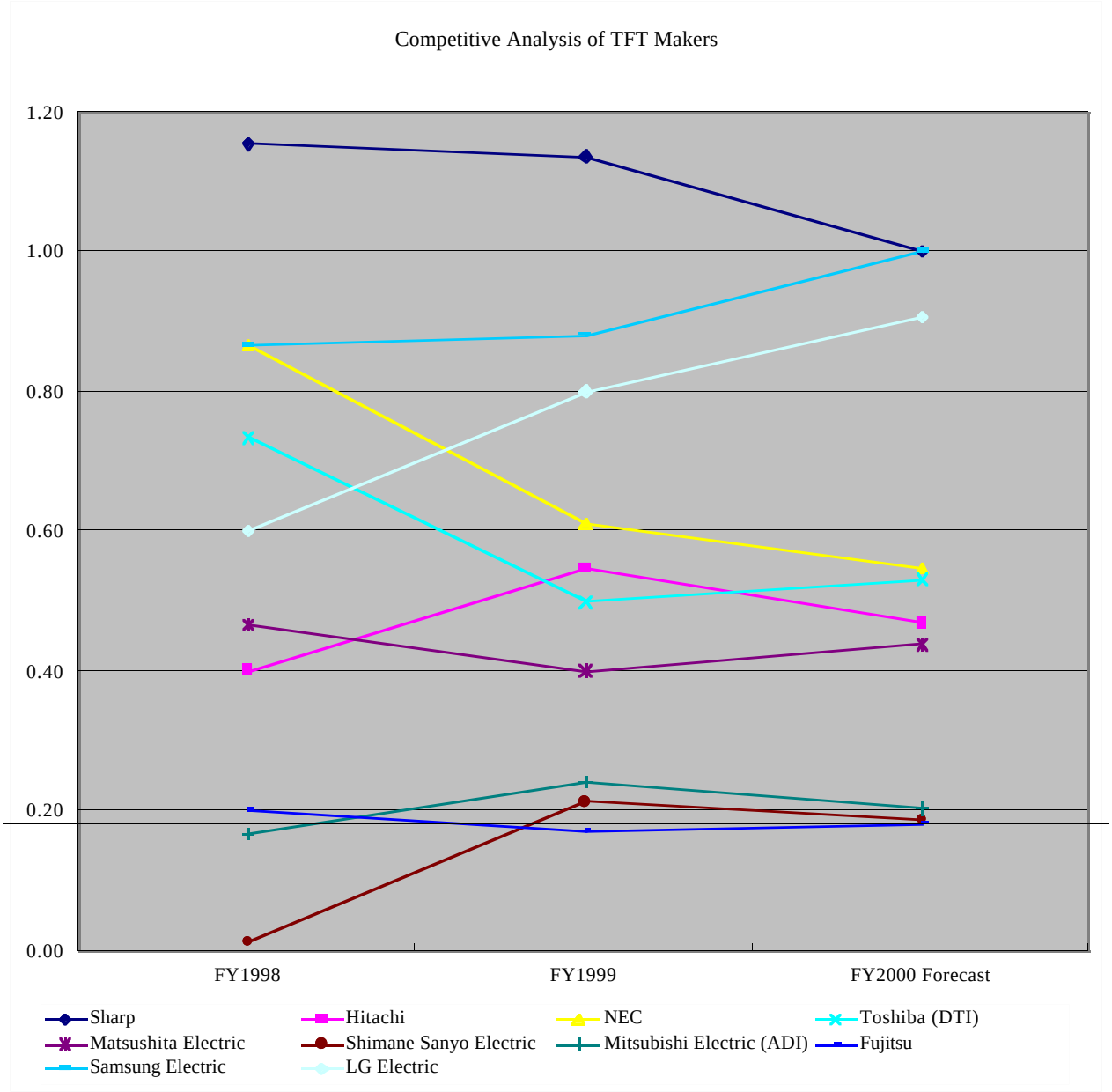
∞ Infinite Technologies, 2000

Sample data (Source: Infinite Technologies, 2000)

Digital cellular display demand by screen size (1000 units)

	1998	1999	2000	2001	2002	2003	2004	2005	CAGR
STN									
0-3"	170,000	275,000	359,000	430,000	510,000	513,000	513,500	509,000	17.0%
3-5"	500	5,000	8,000	12,000	18,000	24,000	31,000	40,000	87.0%
Total	170,500	280,000	367,000	442,000	528,000	537,000	544,500	549,000	18.2%
aSi•TFT									
0-3"	0	0	100	500	1,000	2,000	3,000	4,000	
3-5"	0	0	800	3,000	9,500	18,500	27,000	32,000	
Total	0	0	900	3,500	10,500	20,500	30,000	36,000	
pSi•TFT									
0-3"	0	0	80	100	100	100	100	100	
3-5"	0	0	20	400	1,400	2,400	3,400	4,900	
Total	0	0	100	500	1,500	2,500	3,500	5,000	
O-ELD									
0-3"	0	0	2,000	3,500	9,000	18,000	29,000	45,000	
3-5"	0	0	0	500	1,000	2,000	3,000	5,000	
Total	0	0	2,000	4,000	10,000	20,000	32,000	50,000	
Grand Total									
0-3"	170,000	275,000	361,180	434,100	520,100	533,100	545,600	558,100	18.5%
3-5"	500	5,000	8,820	15,900	29,900	46,900	64,400	81,900	107.2%
Total	170,500	280,000	370,000	450,000	550,000	580,000	610,000	640,000	20.8%
% of total									
0-3"	99.7%	98.2%	97.6%	96.5%	94.6%	91.9%	89.4%	87.2%	
3-5"	0.3%	1.8%	2.4%	3.5%	5.4%	8.1%	10.6%	12.8%	
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

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ABOUT INFINITE TECHNOLOGIES

Infinite Technologies, Inc., was established in April 1999 by George Ohgaki, previously a consultant at Yano Research Institute. The company's staff of six specialize in analysis of three key areas: information technology; electronics; and new materials.

Major projects to date include consultation on marketing and R&D strategies at major Korean electronic component manufacturers, a study on merger & acquisition targets for European companies in the Japanese automotive component manufacturer sector, a survey on computer peripherals technology, an analysis of management at major U.S. semiconductor manufacturers, and a report on B-to-B and B-to-C E-commerce in Japan.