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FOR IMMEDIATE RELEASE

Japan's Infinite Technologies Publishes Comprehensive Report on Global LCD/FPD Market

Values worldwide market at $100 billion-plus in 2005

TOKYO, JAPAN — August 1, 2000 — Infinite Technologies, Inc., a consulting and market research organization specializing in the information technology industry, has released a ground breaking market survey on the global market for liquid crystal displays (LCDs) and flat panel displays (FPDs). The report, LCD/FPD Market Strategies Yearbook 2000-01, forecasts worldwide market trends and demand for FPDs, LCDs, and cathode ray tubes from 1998 through to 2005.

The report predicts that the 2005 worldwide market for displays, including cathode ray tubes, will be valued at ¥11 trillion (approx. $102 billion), of which 63% will be FPDs. 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 third-largest FPD sector in value.

"A minus factor in PDP growth prospects is likely to 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," says the report's author, George Ohgaki. He also expects demand for STN displays to level off after 2002 as the cellular telephone market becomes saturated.

The prospects for small- and medium-size aSi-TFTs, meanwhile, appear bright as personal digital assistants continue to proliferate. Ohgaki also expects these displays to make inroads into in-vehicle navigation/information systems. Low temperature aSi-TFTs, meanwhile, appear ready to take off in notebook personal computers and other mobile devices, as well as TV sets, according to the report.

While growth for O-ELDs may be fast, Ohgaki says 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. Inorganic ELDs, however, appear destined to find use in niche applications such as medical equipment and factory automation.

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∞ Infinite Technologies, 2000

Included in the report are:

1) market forecasts in terms of volume, value, and screen size
2) pricing forecasts
3) 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

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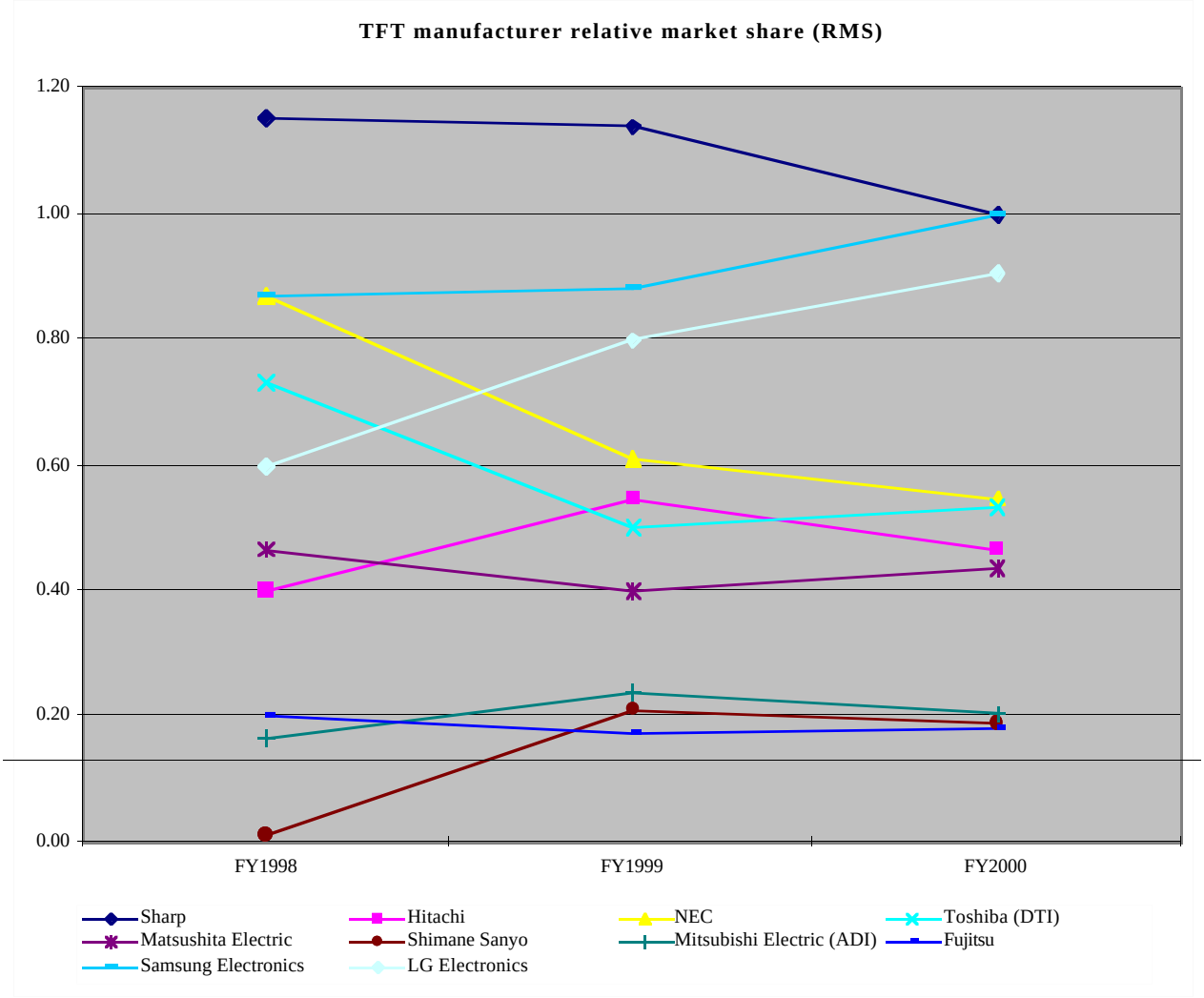
∞ Infinite Technologies, 2000

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	
G. 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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