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LCD Downstream Industry Overview, Q1-2007

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TV Maker strategy update~ Japan Makers

•Toshiba

–No change on SED TV (withdrew from SED panel development, but will still launch SED TV in 2009.) Doesn't see SED TV as having the same position as LCD TVs.

•But Canon announce delay mp of SED again and doesn't give exact date.

–OLED TV to enter mass production in 2009.

–Promote HD DVD and Regza LCD TV from 26" to 57" together.

–Launch Purezza LCD with OCB (Optically Compensated Bend) technology to reach the level of 2ms response time and 1M:1 contrast ratio.

–Introduced LCD TVs with external HDD.

•Sharp

–9m LCD TV shipment in 2007. JP market: 3.2M and overseas market: 5.8m, including 2.9m in Europe

–In contrast to the 55% in 2006, 30" and above LCD TV shipments to reach 80% in 2007. 40" and above will hit 40%.

–Aquos TVs: 37" above FHD models will reach 90%.

–US Market to gain 15% share in 2007, compared to 13~14% in 2006.

–G8 capacity plan: Q107: 30k/m, Q307:60K, Q308:90k.

–32 and 37" panels will be purchased from CMO and AUO on a case by case basis.

–Develop new Aquos models for web surfing.

–Five major assembly plants located in Japan, China, Poland, Mexico, and Malaysia.



TV Maker strategy update ~Japan Makers

•Hitachi

–Shipment Target:

- In 2007, LCD TV: 0.8m and PDP TV: 1.4m.
- In 2012, PDP TV: 20% share, 50" and above class accounting 30%.

–Market: Focus on JP and US in 2007. Expand to EU and China markets in 2008.

–MP PDP TV in Malaysia and Czech (5 worldwide manufacturing bases).

–Cooperate with Matsushita on R&D, Production, Marketing and IP.

–Launch 85in PDP TV in 2008.

–Develop both LCD and PDP TV in 40" sector. For 50" and above, focus on PDP TV.

–Newly added TV functions:

- Removable HDDs.
- Improve movie picture performance
- Promote IPTV

•JVC

–Emphasize on LCD TV (Not D-ILA projection TV).

–Change TV size to 42 and 47" from 40" and 46".

–Promote 120Hz frame rate LCD TV.

•Pioneer

–Withdraw from PDP TV OEM market.

–Delay expansion plans.

•Funai

– 4m LCD TV shipment target in 2007

–Withdraw from PDP TV.

–Launch 42" FHD LCD TV in mid 2007.

–Seek for more OEM orders.

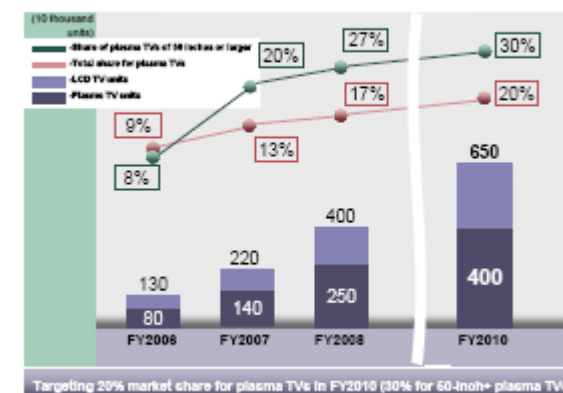
–Launch LCD TV/ DVD combo from 15~37".

–Poland factory mp in the Summer of 2007.

–Procure panel in cell and in-house modulization.

3-1. Sales Targets for Flat-panel TV Business

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Summary

- Street price of mainstream 32, 37, 40, 42" LCD TVs slipped 33~54% for 2006. In order to compete with the 40", 42" saw the largest decline.
 - 32" slipped below \$1,000.
 - 42" and 40" prices from more than \$1,000 difference to currently almost no gap.
 - 37" slipped below \$1,000 for the first time in N.A Market.
 - In Japan market, 42" have a large drop as JVC and Sharp new products released. Sony currently dominates 40" class.
 - Virtually no price gap is seen between 40/42" class in China market. Amid Chinese Lunar New Year in Q1, 32~42" slipped by 13~17%, higher than the 9~14% in the North American market.
- For Monitors
 - Price gap between 15, 17, 19w within \$5, price gap between 19" and 19w expands further.
 - In 1Q07, 22" and 20" prices continue to decline. Some 22" models are lower than the 20" class.
- Estimated retail price in 4Q07: 32": \$830, 37": \$1,175, 40/42": \$1,300~1,400.
- Industry trend :
 - TV makers must choose between PDP TV and LCD TV at the moment. Many give up PDP TV manufacturing.
 - Following LG, Samsung has also unveiled a Dual blue ray disc player.
 - Japan's two major TV makers have announced their OLED mp plans.
 - China retail chain stores still in a consolidation process. Retailing becoming more and more powerful in China market.
- Recent actions from makers:
 - Tier 1 FPD TV target for 2007 set to grow more than 50%.
 - FHD is key development focus for 2007.
 - Makers hold high hopes for BRIC, a key focus in 2007~2008.
 - Makers continue to expand their relevant worldwide TV assembly lines. Excluding Eastern Europe and China, Russia, Brazil and South East Asia are the next key assembly locations.