

Development Trends of LTPS TFT LCDs for Mobile Applications

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As information technology rapidly grows, the development of LCDs with higher specifications is demanded for use as information display devices. Since the LTPS-TFT enables high performance circuit integration in the LCD, it is a suitable technology for mobile information devices. Here we will discuss past and present LTPS-TFT LCD circuit design technologies, and will propose a next-generation LTPS-TFT LCD technology road map.