

NanoChromics™ – True Paper-White Displays, Technology and Commercialisation

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Abstract

NTERA's continued development of NanoChromics™ technology based on the platforms of Fixed Segment and Active Matrix displays have achieved practical successes recently. In the Fixed Segment area, an entry-level product has been produced, validating the ability to manufacture using the installed LCD capital equipment base. Furthermore, the product has been marketed in White Goods[1], consistent with the promise that there is significant latent demand for products designed around the unique features of NanoChromics™. The technology has also been practically demonstrated on an Active Matrix platform in collaboration with Seiko-Epson Corporation [2]. This paper will provide an overview of the development and commercialisation of the NanoChromics™ technology, including the aspects of materials, electronics, manufacturability and target markets.



Photographs of Fixed Segment (left) product and Active Matrix (right) prototype NanoChromics™ displays

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