



TD4165

TDDI product brief

New 120 Hz Fine High Definition (fHD) Touch and Display Driver Integration for Next-Generation Smartphone LCD Displays

OMNIVISION Display Solutions' TD4165 touch and display driver integration (TDDI) supports up to 900p resolution and provides a solution for next-generation smartphone applications. The TD4165 is designed with interleave and sink-bump pin map to provide narrow border solutions for a-Si and LTPS panels.

The TD4165 enables 900RGB pixel fine high definition (fHD) resolution, up to 120 Hz display rate, and high touch report rate with multi-finger for LCD smartphones. The TD4165

cooperates with the panel to provide next-generation application of 900 x 2100 pixel at over 326 ppi, resulting in sharper, smoother, and more realistic display for the human eye. Upgraded from the TD4160 which is in mass production in hundreds of millions of tier-one OEM phones, OMNIVISION's new TD4165 is committed to providing innovative and stable solutions for customers.

Find out more at www.ovt.com.



