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Synaptics TouchView TDDI, ClearForce Featured on Xiaomi Mi 5s, Mi 5s Plus Smartphones

SAN JOSE, Calif., Oct. 03, 2016 (GLOBE NEWSWIRE) -- Synaptics Incorporated (NASDAQ:[SYNA](#)), the leading developer of human interface solutions, today announced that Xiaomi, one of the world's largest mobile manufacturers, selected its touch and display driver integration (TDDI) technology for its Mi 5s Plus smartphone. In addition, Xiaomi is featuring Synaptics in-cell ClearForce™ variable-pressure-sensing technology in its Mi 5s smartphone. This in-cell ClearForce implementation is an industry-first, integrating the force sensor layer directly into the LCD stack.

ClearForce enables smartphone manufacturers such as Xiaomi to differentiate their product by enabling new dimensions in user interfaces including mouse-right-click, speed scrolling, zoom, gaming, and text or photo editing by applying variable force on the cover glass with a finger or stylus.

The Synaptics TD4322 TDDI solution featured on the Mi 5s Plus smartphone supports Full HD resolution and includes integrated RAM which provides lower power and enables an extended feature-set - ideal for mainstream LTPS-based smartphones.

"TDDI solutions are gaining popularity and momentum, and will become the touchscreen controller solution of choice for most smartphones," said Patrick Moorhead, president and principal analyst at Moor Insights & Strategy. "Synaptics' ability to integrate force sensing demonstrates consumers can have their cake and eat it too -- lower system cost, higher performance, and advanced features."

"Xiaomi is a terrific example of a leading smartphone manufacturer in China that is focused on innovation and excellence, traits we share in common," said Tim Vehling, vice president of marketing, Smart Displays Division, Synaptics. "We are pleased to work with Xiaomi to deliver critical product differentiation through our TDDI and in-cell ClearForce technologies and look forward to a continued partnership."

Learn more:

- | [Xiaomi Mi 5s](#)
- | [Xiaomi Mi 5s Plus](#)
- | [TouchView TDDI video](#)
- | [ClearForce video](#)

About Synaptics:

Synaptics is the pioneer and leader of the human interface revolution, bringing innovative and intuitive user experiences to intelligent devices. Synaptics' broad portfolio of touch, display, and biometrics products is built on the company's rich R&D, extensive IP and dependable supply chain capabilities. With solutions designed for mobile, PC and automotive industries, Synaptics combines ease of use, functionality and aesthetics to enable products that help make our digital lives more productive, secure and enjoyable. (NASDAQ:[SYNA](#)) www.synaptics.com.

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