



## Synaptics ClearView OLED Display Drivers Featured on ASUS ROG Phones

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SAN JOSE, Calif., June 07, 2018 (GLOBE NEWSWIRE) -- Synaptics Incorporated (NASDAQ:[SYNA](#)), the leading developer of human interface solutions, today announced its ClearView™ R66455 OLED display driver IC (DDIC) has been selected for the new [ASUS ROG](#) phone. Designed for extreme high-performance gaming, and enabled by Synaptics' R66455 DDIC, the ROG's 6-inch 18:9 AMOLED display boasts an amazing 90Hz refresh rate with a 1ms pixel response time. Synaptics' high accuracy color enhancement drives the ROG's industry-leading 108.6 percent [DCI-P3](#) color gamut and 10000:1 contrast ratio.

"Synaptics is uniquely positioned with our industry-leading OLED DDICs and our close relationships with China's display manufacturers as they ramp to support the broad OEM demand for OLED panels such as the ASUS ROG," said Kevin Barber, senior vice president and general manager, Mobile Division, Synaptics. "Synaptics is already an established leader in OLED touch controllers, as well as touch and display driver technologies for LCD smartphones, and we are very excited about the opportunity to lead in OLED display."

The ASUS ROG leverages Synaptics' best-in-class imaging processing and state-of-the-art technologies designed to enhance OLED displays. The feature rich and low power ClearView R66455 OLED DDIC includes Synaptics' latest OLED image processing technology including flexible gamma control, support for high-dynamic range (HDR), and the company's unique sub-pixel rendering (SPR) technology. OLED performance is also enhanced by Synaptics' smooth dimming technology, round corner processing, and advanced DeMura compensation. R66455 is available in chip-on-film (COF) packaging for flexible/rigid displays.

### About ROG:

Republic of Gamers (ROG) is an ASUS sub-brand dedicated to creating the world's best gaming hardware and software. Formed in 2006, ROG offers a complete line of innovative products known for performance and quality, including motherboards, graphics cards, laptops, desktops, monitors, audio equipment, routers and peripherals. ROG participates in and sponsors major international gaming events. ROG gear has been used to set hundreds of overclocking records and it continues to be the preferred choice of gamers and enthusiasts around the world. Learn more about the choice of champions at <http://rog.asus.com>.

### 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, biometrics, voice, audio, and multimedia products is built on the company's rich R&D, extensive IP and dependable supply chain capabilities. With solutions designed for mobile, PC, smart home, 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](http://www.synaptics.com).

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