

## Lextar to releases new mini LED product series



Lextar is releasing a new series of mini LED ready products, including the I-Mini Blue, a smart backlight module integrating mini LED and driver IC for slim, high contrast designs.

The I-Mini Blue is already introduced to applications such as gaming laptop panels. Lextar is also launching a pitch 0.7mm UFP I-Mini RGB display and a micro LED application. All of which were presented at Touch Taiwan 2019, held in Nankang Exhibition Center on August 28-30, 2019.

The mini LED backlighting series released this time covers wide applications including TV, gaming monitor, laptop, automotive display and VR, demonstrating Lextar's speed in mini LED backlighting application deployment.

Lextar's I-Mini Blue realizes new local dimming technology of over a thousand zones, which enables precise control of the backlight to achieve dynamic contrast ratio of 1,000,000:1. This K-zone backlight solution is perfect for applications such as TV, gaming monitor and laptop.

Lextar will exhibited AM (active matrix) mini LED backlight module adopting COG (chip on glass) technology. By transferring the blue mini LED chips on TFT glass panel, it is possible to achieve a local dimming of over 2,300 zones on a 2.9" panel. Through this, a small-sized panel can realize a stereopsis with high contrast and is suitable for VR applications.



For mini RGB displays, Lextar introduced a lineup of fine pitch RGB display modules. The UFP I-mini RGB module, with an ultra-fine pitch of P0.7, featuring high brightness, high contrast, sunlight readability and flexible in display size, was demonstrated in applications including signage, bus stop sign, chartplotter, automotive panel, HUD and tail light.

In addition, Lextar launched a mini RGB LED series, including 1313 & 2121 with a 4-in-1 fine-pitch design, as well as single package of 1010 & 1515, enabling customers to choose from the most appropriate package according to desired viewing distance. The product series is expected to be mass produced by the end of this year.

Source: Lextar Electronics Corporation.

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