

Mini LEDs has been put forth as the technology to confront OLED in display applications. Makers, notably from Taiwan, with expertise in LEDs and LCD see the opportunity and are accelerating their technology development, aiming to boost the LED industry.



Chip maker Epistar and vertically-integrated LED company Lextar, for example, have demonstrated a wide range of mini LED products including backlit displays for gaming notebooks, monitors, automotive panels, and large displays for outdoor signage. With high brightness, mini LEDs can deliver images and information even in bright sunlight, while also surpassing OLED with longer lifetime and greater reliability.

Seeing the opportunities brought by AVs, LED companies are pushing development for various automotive applications with mini LED technology. Everlight launched a tail light prototype this year, and are working toward actual applications in 2020. Display maker AUO also showed mini LED automotive displays at Touch Taiwan last week.