



獨創 MicroLED 晶片載板技術 Innovative MicroLED Chip-On-Carrier Technology

產品介紹

銓創獨創的晶片載板技術，在 2019 年正式建立產線進行量產。供貨給各大面板廠以及有轉移技術的品牌廠，加速擴大 MicroLED 的供應鏈。客製化的設計方案，讓客戶可以搭載對應背板去做最後的轉移。除此之外，還設計不同結構的晶片載板模組，讓客戶根據需求選用，也促進銓創自身發展設備事業版圖，讓銓創可提供從磊晶片製造、晶粒處理、晶片載板生產、巨量技術、模組製程到設備供應，成為 MicroLED 完整解決方案的提供者，進而加速 MicroLED 的商品化速度。一方面拓展自身事業版圖，另一方面協助技轉台灣面板廠，壯大供應鏈，讓台灣顯示產業重新站上世界舞台。



COC 產品照與背板說明

PlayNitride's innovative COC technology, launched in 2019, has established the mass production line, catering to top panel manufacturers and brands with technology transfer capabilities, thus rapidly broadening the MicroLED supply chain. Our customized design solutions enable customers to perform the final transfer with compatible backplanes.

Additionally, we offer different COC substrate modules, allowing clients to select based on their specific requirements.

This strategic move has dual-purpose: it catalyzes the growth of PlayNitride's equipment division across a comprehensive array of services—from chip manufacturing to COC production and module processes—and delivers an all-encompassing MicroLED solution to expedite MicroLED technology's route to market.

By advancing our own business and aiding Taiwan's panel industry in technology transfers, we are not only expanding our supply chain but also re-establishing Taiwan's display sector as a global contender. By advancing our own business and aiding Taiwan's panel industry in technology transfers, we are not only expanding our supply chain but also re-establishing Taiwan's display sector as a global contender.



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團隊資料

林京亮 研發中心技術副總

蔡百揚 元件一部資深經理

蘇義閔 元件二部資深經理

梁勝傑 元件二部副理



研發團隊與董事長李允立的合照