

Our lineup includes filter type spectroscopic modules (C13398 series) specialized for signal detection of many known wavelengths, and spectroscopic modules with light sources (C16028 series) that make ...

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The lower VOC is consistent with the presence of traps introduced by UV crosslinking, resulting in higher non-radiative recombination and lower SCLC mobilities (Supplementary Fig. 14 ...

In this post, I'll discuss various current-sensing functions in high-bandwidth data communication applications for pluggable optical modules.

Time of flight (TOF), space charge limited current (SCLC), charge extraction by linearly extracting voltage (CELIV), and impedance spectroscopy as the four fundamental methods to ...

With the gradual increase of the conversion rate, the optical module has become a key element in various application fields, and its development is also of great significance to the entire ...

We proposed a simple yet effective principle to accurately extract charge carrier mobility values using the standard space-charge-limited current (SCLC) measurement, while critically ...

These pluggable VPItoolkit PDK <fab> extensions allow the user to rapidly prototype application-specific photonic integrated circuits (ASPICs) with prerequisite functionality using foundry-specific information ...

Learn how Space Charge Limited Current (SCLC) is used to measure charge carrier mobility, traps, and injection barriers in organic and perovskite devices.

In this study, we fabricated a planar Si/PEDOT: PSS heterojunction solar cell using three different solvents--ethylene glycol, acetonitrile, and dimethyl sulfoxide--to find the best one.



Optical modules using SCLC

Web: <https://www.maxtools.co.za>

