

[Key technology]

Photon counting module

Hamamatsu is developing various new sensors, components and ASICs, and also provides photon counting modules that integrate these key components. There are SPPC (single-pixel photon counter) and MPPC (multi-pixel photon counter) as photon counting devices, and there is a wide lineup of wavelengths, dimensions, and packages suitable for each application.

In addition, Hamamatsu has standard ASICs such as TDC (time-to-digital converter), TOT (time over threshold), counter, amplifier and gating functions.

Using these technologies and products, it is also possible to develop customized modules according to customer requirements.

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