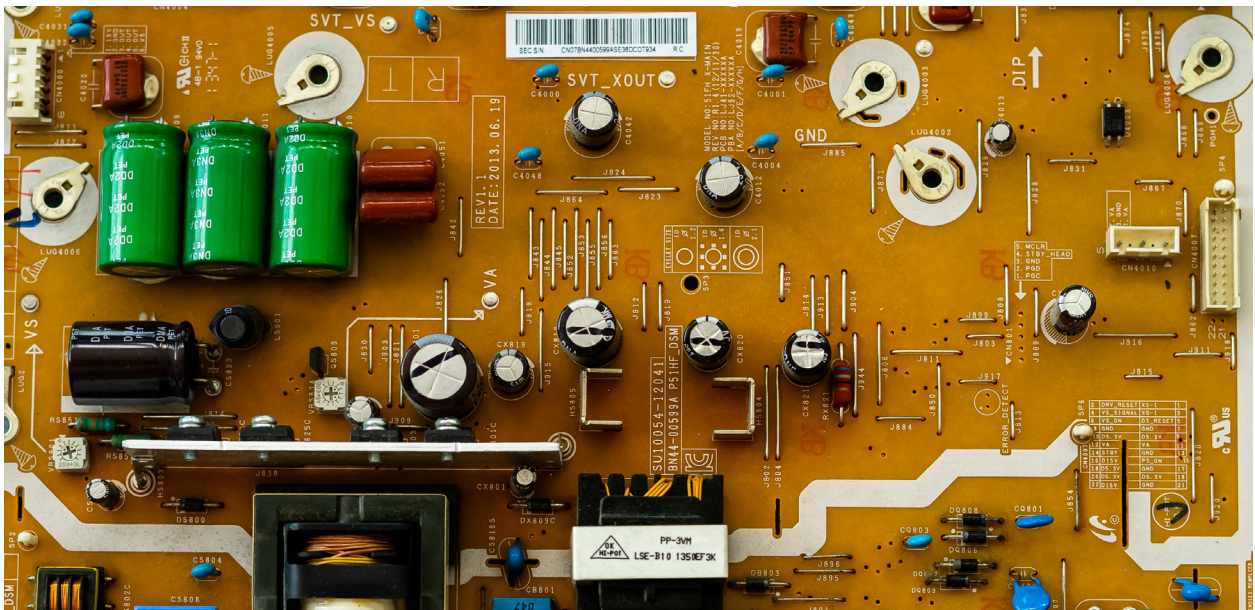




## CHEMICAL

# Crystal suspensions in LCD



### THE APPLICATION SCOPE / PURPOSE

Liquid-crystal display (LCD) uses the light-modulating properties of liquid crystals and polarizers to produce images in color or monochrome, when activated by electric current. The crystals do not emit light, but they reflect it. The crystals have to be anisotropic and often polarizable rod-shaped molecules, like biphenyl or terphenyls are used as crystal structure. It is important that the crystals are freely swimming in the continuous liquid phase, so that they can change orientation at higher temperatures. Kinematica can provide solutions for this sort of application.

Get full access to the Application Note by clicking this link:

[GET FULL VERSION](#)

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