

ELECTRONICS

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Ultrapure or electronic-grade solvents (alcohols, esters and ketones) with very low levels of metal ions in the solvents are used to produce microchips. Metal ions can cause short circuits that result in poor-quality microchips. Electronic-

grade solvents are used to dissolve a photo-sensitive polymer that is then spun on a silicon wafer to produce the micro-circuit. Solvents are also required to clean the surface of wafers and circuits.

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A sector group of Cefic European Chemical Industry Council - Cefic aisbl
EU Transparency Register n° 64879142323-90



