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## Microelectronic Circuits Solution 5th

**deep learning with coherent nanophotonic circuits - arxiv** - deep learning with coherent nanophotonic circuits yichen shen<sup>1</sup>, nicholas c. harris<sup>1</sup>, scott skirlo<sup>1</sup>, mihika prabhu<sup>1</sup>, tom baehr-jones<sup>2</sup>, michael hochberg<sup>2</sup>, xin sun<sup>3</sup>, shijie zhao<sup>4</sup>, hugo larochelle<sup>5</sup>, dirk englund<sup>1</sup>, and marin soljačić<sup>1</sup>

**the application of di-o water on wafer surface preparation** - the application of di-o<sub>3</sub> water on wafer surface preparation gim s. chen akrion, llc 6330 hedgewood dr., #150 allentown, pa 18106, usa abstract - due to the continuously decreasing scale of integrated circuits (ic) and the increasing requirement in cost-of-

**the effect of frequency and temperature on dielectric ...** - 2. effect of frequency the frequency dependence of dielectric constant of the sample at different temperatures (i.e. 40, 50, 60, 700c) is shown in figures 3 and 4 for al-al and cu-

**product safety assessment chemical-mechanical ...** - reactive liquid (rl) slurries marketed by rohm and haas electronic materials cmp, inc. are non-abrasive solutions with an acid ph (