

License agreement for usage of the SI/PI-Database

Institut für Theoretische Elektrotechnik, TUHH - March 2021

The SI/PI-Database is a collection of printed circuit board based structures which represent different electromagnetic aspects for signal integrity and power integrity applications. The structures have different components and interconnecting elements e.g. vias, via-arrays, power, ground planes. Each structure contains many variations with the according simulation results. All structures were simulated with a physics-based approach developed by TUHH.

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M. SCHIERHOLZ, A. SANCHEZ-MASIS, A. CARMONA-CRUZ, X. DUAN, K. ROY, C. YANG, R. RIMOLO-DONADIO, C. SCHUSTER, "SI/PI-Database of PCB-Based Interconnects for Machine Learning Applications", IEEE Access, vol. 9, pp. 34423-34432, 2021.
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