

# **Electromagnetics For High Speed Analog And Digital Communication Circuits**

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## Electromagnetics For High Speed

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speed digital design, and electromagnetic compatibility (EMC). Electromagnetism is the theory that underlies all of electronics and circuit theory. With

circuit ELECTROMAGNETICS EXPLAINED In this paper, we will discuss the concerns of a microstrip two patch antenna system. Coupling of the two-port system can be miniaturized using Electromagnetic Bandgap Structures (EBG) or Defected Ground Structures (DGS) centered between the two patch antennas half a wavelength in size. Different miniaturization methods were used in the design of the antenna system to change the properties of ... "Electromagnetic Interference Reduction of High-speed

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