

Multiresonator-based chipless RFID : barcode of the future / Stevan Preradovic, Nemaï Chandra Karmakar

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Abstrak

This book introducing the general concepts in the field including technical data, it then describes how a chipless RFID tag can be made using a planar disc-loaded monopole antenna and an asymmetrical coupled spiral multi-resonator. The tag encodes data via the “spectral signature” technique and is now in its third-generation version with an ultra-wide band (UWB) reader operating at between 5 and 10.7GHz.