

## Configuration Considerations for Multi-Layered Packaged Conductor-Backed Coplanar Waveguide MICs

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Packaged conductor-backed coplanar waveguides (CBCPW) can support waveguide and cavity modes within the substrate region. Various multi-layered configurations are presented to avoid and minimize the coupling effects of the structure with the dominant CBCPW mode. The results are demonstrated using the spectral domain method, waveguide theory and experimental data.

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