

Abstracts

A Novel Approach for Integrating High-Q Band-Pass Filters Into Microwave Integrated Circuit Assemblies

G.E. Johnson, M.D. Medley, R. Levy, R.W. Larson, P. Ng and D.S. Mackie. "A Novel Approach for Integrating High-Q Band-Pass Filters Into Microwave Integrated Circuit Assemblies." 1993 MTT-S International Microwave Symposium Digest 93.3 (1993 Vol. III [MWSYM]): 1309-1312.

A new method of electromagnetically coupling an air-dielectric stripline interdigital or comb-line band-pass filter to a planar microwave circuit has been demonstrated. The filter structure can be solder or epoxy attached to the surface of the printed circuit board (PCB), resulting in a low-cost, high-performance assembly.

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