

Composite Structure For An Electronic Circuit

ABSTRACT

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A composite structure for an electronic circuit, a method of fabricating a composite structure for an electronic circuit, and a method of noise suppression utilising a composite structure for an electronic circuit. The composite structure comprises a power plane; a ground plane; an EBG structure including one or more first EBG planes each electrically connected via one or more stubs to one of the power or ground planes; and one or more magnetic dielectric layers formed between the said one of the power or ground planes and the first EBG planes for selective inductive loading of the EBG structure.

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FIG. 1