

# Abstracts

## Modular design of SAR electronics

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*F.A. Petz, J. Rosello-Guasch, C. Mavrocordatos and C.V. Narasimha Rao. "Modular design of SAR electronics." 1999 MTT-S International Microwave Symposium Digest 99.4 (1999 Vol. IV [MWSYM]): 1607-1610 vol.4.*

To achieve a better balance between investment and return, the development of more generally applicable technologies (generic, modular, multi-functional) or the application of the proven off-the-shelf technologies are the key issues. Besides cost effective design and manufacturing, the competitiveness can be significantly improved with a wider applicability of the technology. This paper discusses the modular design approach and the implementation related aspects of a multi-frequency, multi-mode, high-resolution SAR system.

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