

# Abstracts

## Spaceborne Hybrid MIC PIN Diode Radiometer Switch

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*R.H. Pflieger. "Spaceborne Hybrid MIC PIN Diode Radiometer Switch." 1972 G-MTT International Microwave Symposium Digest of Technical Papers 72.1 (1972 [MWSYM]): 8-10.*

Using hybrid MIC techniques a new SP5T precision PIN diode radiometer switch has been developed for use in highly accurate spaceborne radiometers. The successful use of hybrid MIC techniques in meeting the unusual and difficult requirements is discussed including the achieving of a precision noise balance and the incorporation of a hybrid MIC matching circuit for precision matching of the switch and receiver combination.

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