

# Abstracts

## High Power 6-18GHz Transfer Switch Using HMIC

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*P. Onno, N. Jain, C. Souchuns and J. Goodrich. "High Power 6-18GHz Transfer Switch Using HMIC." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 79-82.*

A 6-18GHz transfer switch is fabricated by a batch process technology, the HMIC (Heterolithic Microwave Integrated Circuit) process, and uses shunt-only silicon diodes. The switch emulates a commensurate-line bandpass filter and has insertion loss less than 2.0dB with greater than 32dB isolation and CW power handling in excess of 6 Watts.

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