

Session E

(Joint with MMWMC)

Components 2



Chairman:

R. Gold

Pacific Monolithics
Sunnyvale, CA

Co-Chairman:

W.C. Niehaus

AT&T Bell Labs
Reading, PA

Development of wideband, high performance MMIC control circuits are essential to cost effective T/R modules. In this session there are two papers which review new developments in phase shifter technology. The first paper describes 30% bandwidth phase shifters with low RMS phase and amplitude error. The second paper presents a novel 180 phase shifter circuit topology which has fewer elements and requires a single control voltage. Finally the last two papers describe logarithmic amplifiers demonstrating good dynamic range, linearity and pulse response together with an increased level of integration.

1:00 p.m.-2:10 p.m., Tuesday, June 2, 1992
Kiva Auditorium