

Tunable acoustic-electronic cryotron

**P. V. Nistiriuc, D. N. Turcan, A. S. Alexei, S. I. Nistiriuc,
E. A. Beregoi, M. I. Sajin, G. Scutari**

<https://doi.org/10.1109/CRMICO.2000.1256178>

Abstract

Results of YBa/sub 2/Cu/sub 3/O/sub 7/ tunable acoustic-electronic cryotron elaboration are presented. The specific switching time depends on surface acoustic wave (SAW) frequency, number of contacts and their configuration.

Keywords: acoustic-electronic cryotrons, cryotrons, acoustic waves, waves, high temperature superconductors, superconductors, switching systems, control systems

References