

Abstracts

Low Noise II GC Parametric Amplifier Using Refrigerated Silver Bonded Germantum Diode

S. Kita, K. Tahara and T. Masuda. "Low Noise II GC Parametric Amplifier Using Refrigerated Silver Bonded Germantum Diode." 1963 PTGMTT National Symposium Program and Digest 63.1 (1963 [MWSYM]): 93-98.

The authors had previously reported that the silver bonded germanium diode was suitable for a parametric amplifier and we have succeeded in parametric amplification at 11GC using this type of diode, and obtained a noise figure of 3.5 dB at room temperature.

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