

عنوان مقاله:

1V High Frequency Four Quadrant Current Multiplier $\pm$

محل انتشار:

شانزدهمین کنفرانس مهندسی برق ایران (سال: 1387)

تعداد صفحات اصل مقاله: 4

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خلاصه مقاله:

A new high frequency four quadrant current multiplier is presented. The current multiplier uses complementary MOS devices in triode region and exploits the square-law behaviour of saturated MOS transistors. The circuit operates using the supply voltages of $\pm 1V$. The cut-off frequency is 1.74 GHz with a total harmonic distortion less than 0.065 % (at 1 MHz). The power dissipation is 0.85mW

کلمات کلیدی:

Multiplier, High Frequency, triode region, Fuzzy

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/47827>

