

To our customers,

Old Company Name in Catalogs and Other Documents

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Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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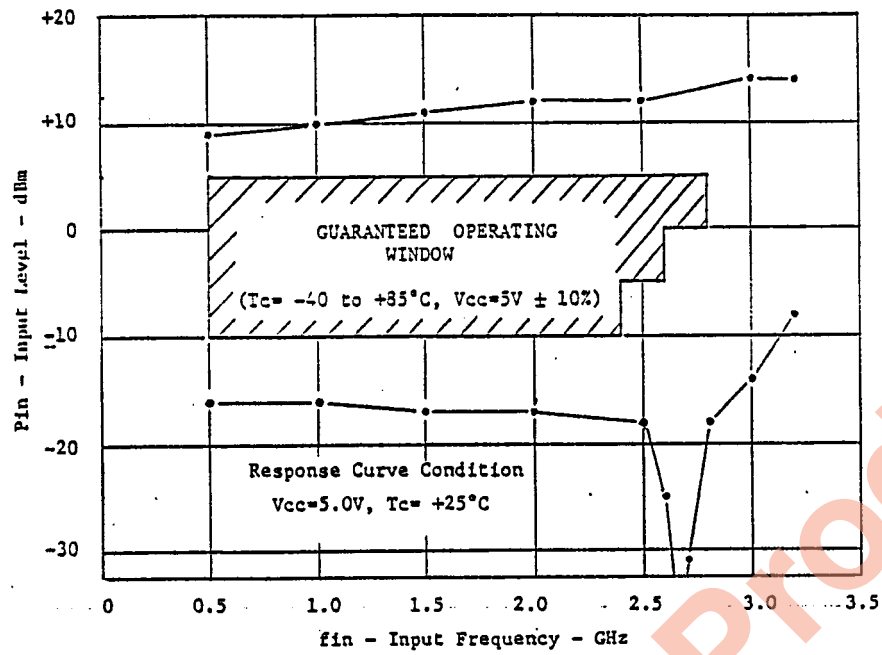
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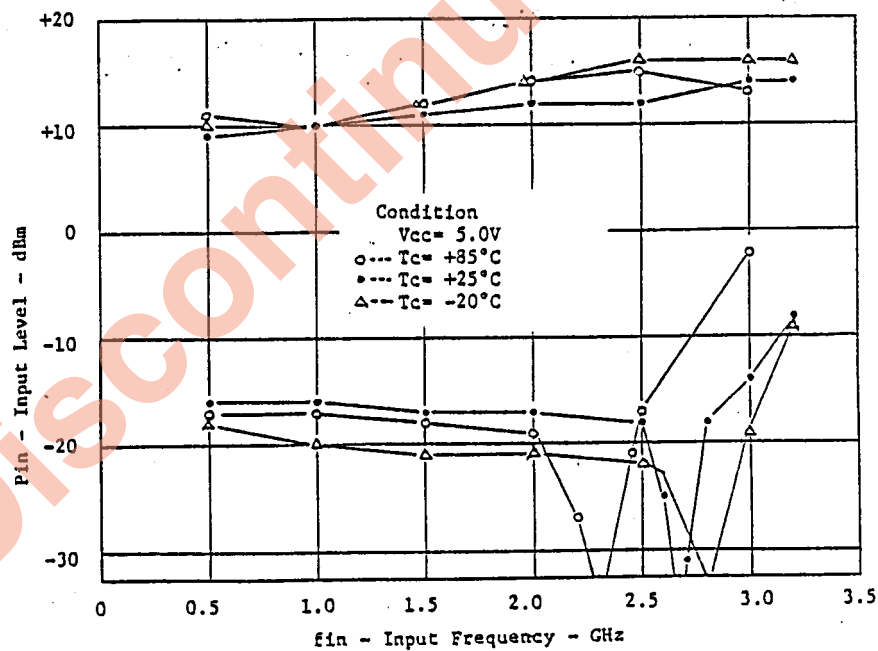
μ P B 5 8 2 B : 2.8GHz DIVIDE-BY-4 PRESCALER

PACKAGE DIMENSIONS

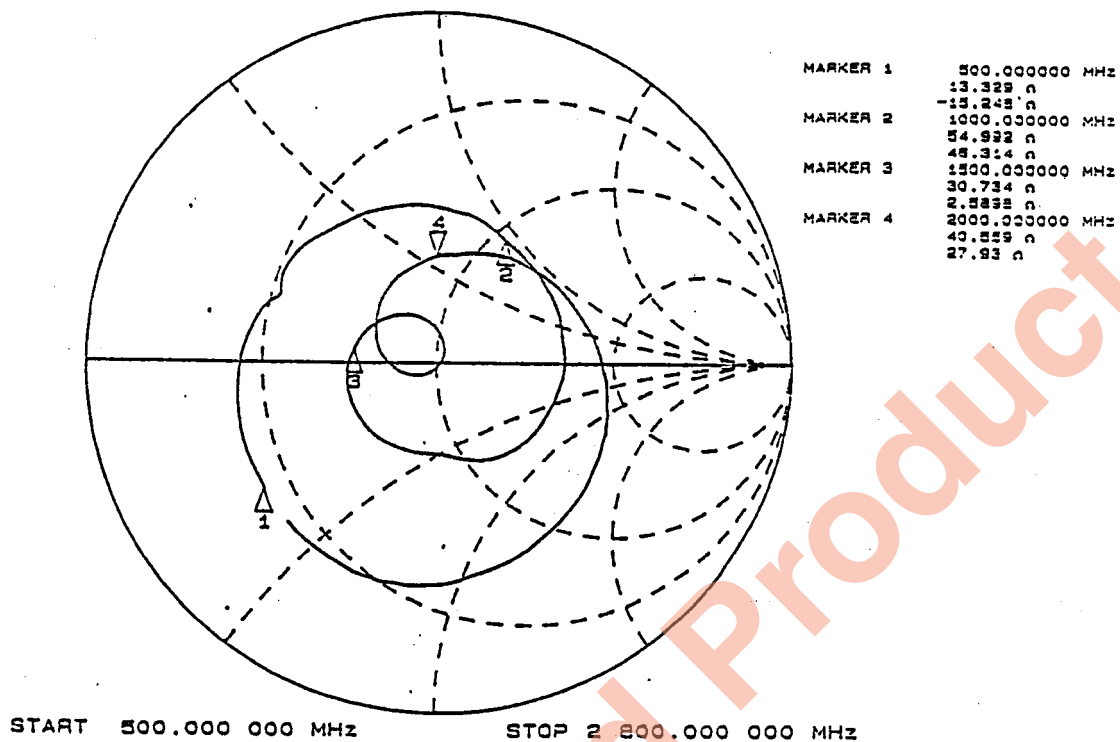
GUARANTEED OPERATING WINDOW



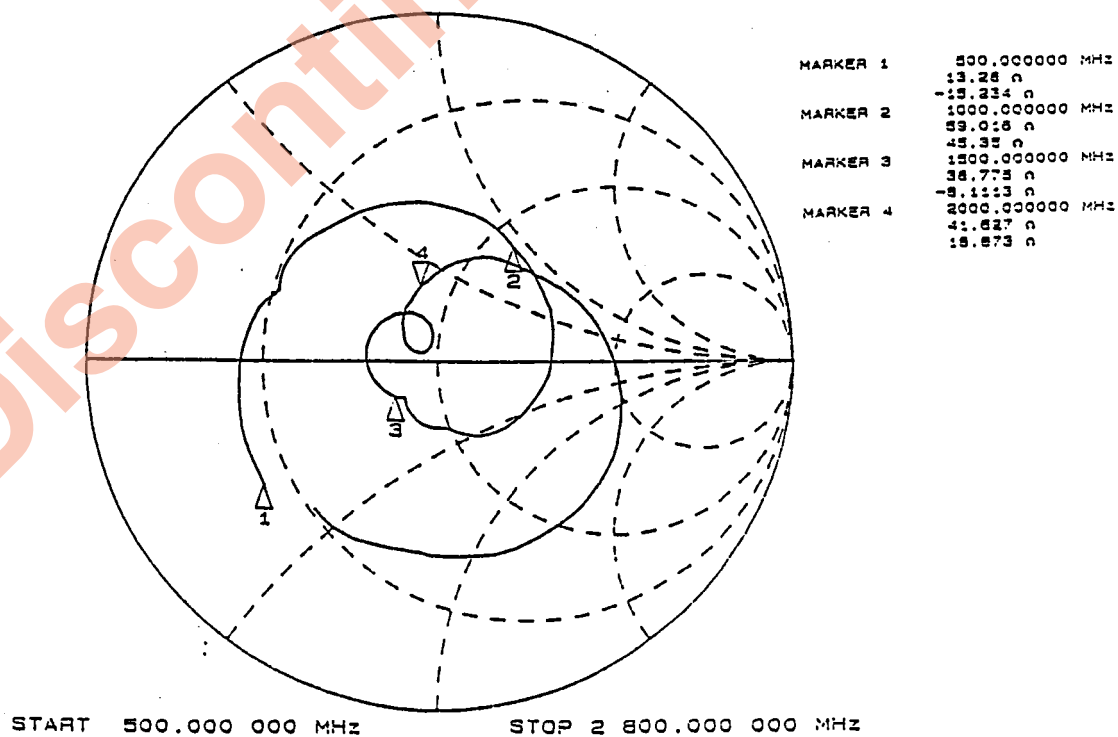
TYPICAL TEMPERATURE CHARACTERISTICS



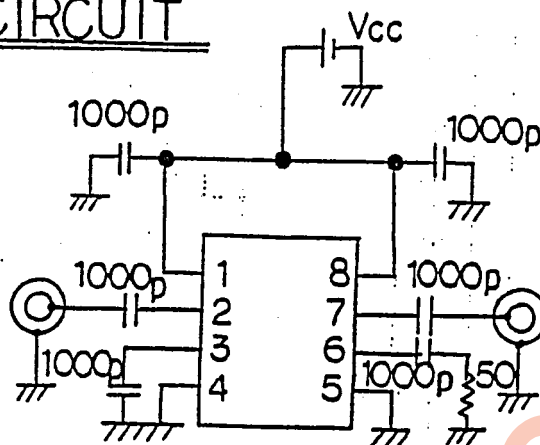
uPB581B S11 Characteristics ($V_{cc}=5.0V$, $T_c=+25^{\circ}C$)



uPB582B S11 Characteristics ($V_{cc}=5.0V$, $T_c=+25^{\circ}C$)



TEST CIRCUIT



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